

SECURITY & PRO A/V DISPLAY PRODUCTS



ViewZ offers a comprehensive line of professional products in the following categories

- Smart AD Public View Monitors (PVM)
- AI IP Public View Monitors
- Professional CCTV Monitors
- Security Videowall Displays
- Videowall Processors & Multiviewer
- IP Input & Output Monitors
- Hybrid DVRs & Cameras
- Lenses & Mounts

Innovative Solution in Provider

AI Public View Monitors,
Smart AD PVM

TOP 1

Years of History
Founded in 2007

18

IP Input & Output Monitors

Sequential & 16ch viewing mode,
Loss prevention & employee
monitoring

IP

TOTAL SECURITY SOLUTION PROVIDER



ViewZ is a leading designer and OEM manufacturer of premium video and display solutions for professional installations. For nearly 15 years, our commercial-grade LCD and LED monitors have earned the reputation as premium display products around the world in commercial installations.

ViewZ specializes in the security sector, offering over 100 monitors from small desktop units to large scale video-wall displays.

Our monitors utilize the latest in LED backlight technology and include unique & innovative features such as heavy duty metal housing, security specific display modes and IP connectivity.

WARRANTY RMA SERVICE TECHNICAL SUPPORT

Unlike consumer models, ViewZ monitors are engineered for continuous usage and backed by our industry leading 3 year advance replacement warranty.

ViewZ focuses on offering private labeling with a number of globally recognized commercial brands currently private labeling their products.

In the rare event that a product does not perform according to our specifications, ViewZ may also provide an advanced replacement unit.



TECHNICAL SUPPORT

Call ViewZ Technical Support if you would like our friendly technical experts to help you resolve an issue or answer technical questions about your ViewZ product.



ADVANCE REPLACEMENT

ViewZ offers the ability for valued customers to arrange for the replacement of defective ViewZ products.



BUILT TO RUN 24/7/365

ViewZ monitors are built with commercial grade "A" panels for superior color reproductions, low defect ratio, etc.

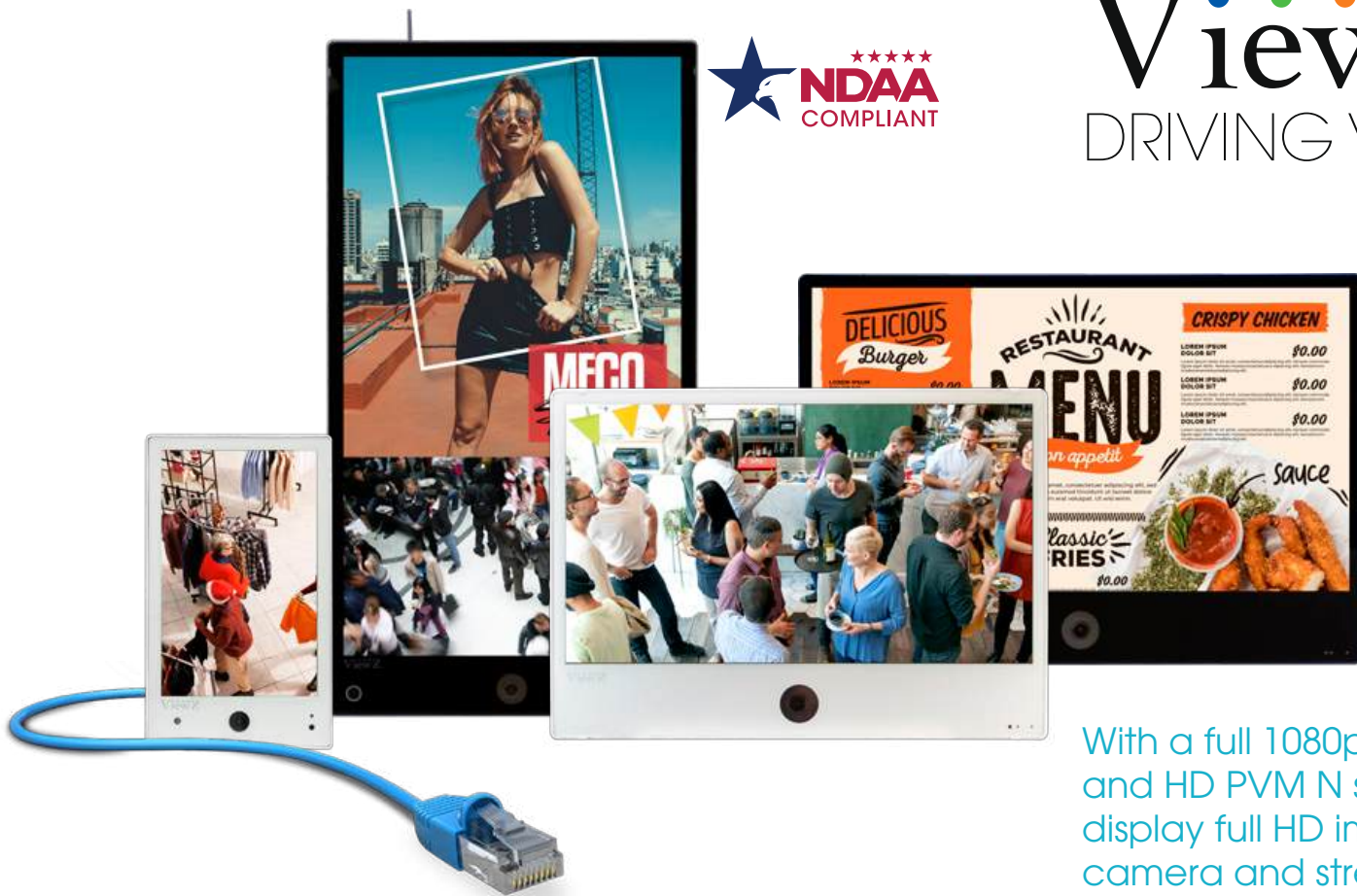
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ViewZ® PVM

DRIVING VISUAL INNOVATION



With a full 1080p display capability, IP PVM N and HD PVM N series public view monitors can display full HD image captured from built-in 2MP camera and stream it back to VMS and NVR over the network or local DVR for high quality video recording.

Add the optional media player and it becomes a powerful digital advertising solution for retail applications and beyond. Loss prevention and advertising can now be greatly enhanced using one comprehensive solution.



IPS Panel

All ViewZ PVM models feature IPS panel for wider viewing angle.



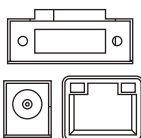
BUILT-IN 2 MEGA PIXEL CAMERA

2MP camera with 1/3" progressive C-MOS image sensor & DC auto iris 2.8 - 12mm vari-focal lens comes equipped in the IP models while HD models feature fixed iris 2.8 mm, resulting in vivid & sharp image quality in any lighting condition.



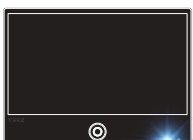
Digital Signage

Optional media player supports SD & USB for uploading advertising contents. Source switching allows the camera motion detection to trigger switching from camera view to digital advertising or vice-versa.



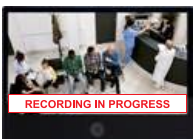
Easy Installation

All ViewZ IP PVMs are dual voltage and support both PoE and 24V DC to provide maximum flexibility in installation and power operation. With the optional DC 24 power supply, you can install PVMs up to 350 ft away from the power source.



Blinking LED

ViewZ PVMs can easily draw attention with blue, red and purple blinking LED lights.



On-Screen Message

"Recording in Progress" message on screen can be displayed for added benefit in terms of theft deterrence and surveillance. Furthermore, "Recording in Progress" message can be displayed in 5 different languages.



Private Labeling & Customization

As a well-known OEM manufacturer, ViewZ specializes in customization of display products with minimal volume commitment.

FEATURES & HIGHLIGHTS

SMART AD PVM

A Whole New Way of Merging Advertising
and Security for Retail Environments



The image shows a digital display in a retail environment. The top half of the display shows a flight departure board with the title 'Abflug Departures' and a time of 17:27. The bottom half of the display shows a food advertisement for 'Ch. WHAT'S YOUR CHOICE OF PLATTER?' featuring a stack of food items.

Flug	Flughafen	Abflug	Flug	Flughafen	Abflug
AF 1407	Paris-CDG	17:45	192-194	B71	
TK 1528	Istanbul-IST	17:50	266-272	C31	
XC 3504	Izmir	18:05	238-239	C37	
LH 2017	München	18:25	116-120	A39	
EW 9398	Salzburg	18:25	151-170	A28	
XQ 989	Izmir	18:35	240-241	C45	
KL 1862	Amsterdam	18:40	192-193	B79	
LH 087	Frankfurt	18:40	116-120	A40	
AY 1396	Helsinki	18:45	171-173	B77	
SQ 6816	Hurghada	18:50	203-206	C36	
LX 1025	Zürich	18:50	112-115	A50	
SQ 4816	Marsa Alam	18:55	207-210	C40	
UX 1448	Madrid	19:10	199-201	B25	
OE 140	Palma	19:10	205-206	B22	
BA 945	London-LHR	19:15	195-197	B35	
EJ5512	Berlin-TXL	19:20	146	B71	
LH 2019	München	19:25	116-120	A25	
LO 408	Wanzhou	19:45	108-109	A48	
IB 3133	Madrid	19:55	132-134	B53	

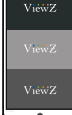


android



Profile S

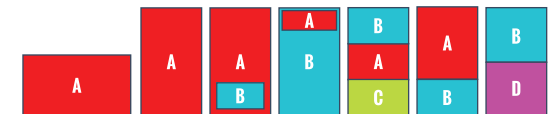


Model Name	Smart AD PVM			
	VZ-PVM-P1B3 / PVM-P1W3	VZ-PVM-P2B3 / PVM-P2W3	VZ-PVM-P4B3 / PVM-P4W3	VZ-PVM-P5B3 / PVM-P5W3
	NEW  Wi-Fi 	NEW  Wi-Fi 	NEW  Wi-Fi 	NEW  Wi-Fi 
DISPLAY				
Screen Size (Max. Resolution)	13.3" (1080 x 1920 @60Hz)	15.6" (1080 x 1920 @60Hz)	32" (1080 x 1920 @60Hz)	43" (1080 x 1920 @60Hz)
Pixel Pitch	0.153 mm x 0.153 mm	0.17925 mm x 0.17925 mm	0.36375 mm x 0.36375 mm	0.4902 mm x 0.4902 mm
Brightness	250 cd/m ² (Typical)	250 cd/m ² (Typical)	250 cd/m ² (Typical)	250cd/m ² (Typical)
Contrast / Aspect Ratio	800 : 1 / 9 : 16	800 : 1 / 9 : 16	4000 : 1 / 9 : 16	1200 : 1 / 9 : 16
Viewing Angle (H/V)	170° / 170°	170° / 170°	178° / 178°	178° / 178°
Display Color	262 K	262 K	16.7 Million	16.7 Million
Response Time	< 30 ms	< 25 ms	< 6.5 ms	< 8 ms
INTERFACE				
RJ 45 (TCP/IP)	2 (CMS, IP Camera)			
CVBS (Camera) Out	1			
Audio Out	1			
SD Card (TF) In	1 (Max. 64GB)			
USB In	3			
Camera				
Camera Type	2.1 Mega Pixel IP Camera			
Image Sensor / Encoder Chipset	SONY IMX290 / HI3516D			
Lens	2.8 Fixed Lens		DC Auto Iris 2.8 ~ 12mm Vari-focal Lens	
Max. Resolution	1080(H) x 1920(V) 30fps			
Video Compression	H.264, MJPEG, CBR, VBR			
Video Out	1ch CVBS (NTSC/PAL) / 1ch RJ-45 output			
Motion Detection	Support			
Ethernet / Web Application	10/100 Base-T / IE 6 ~ 11, Firefox			
Network Protocol	TCP/IP, UDP, SMTP, HTTP, FTP, PPPOE,DHCP, DNS, DDNS, UPNP, RTP, RTSP			
Integration Protocol	ONVIF 2.6 (supported)			
Function	2D/3D NR, D-ZOOM, DPC, HLC/BLC, Defog, D/N, WDR, AGC, AWB			
Android Board Spec				
Android OS	Ver. 6.1.			
CPU	RTD1295 Quad Core, ARM Cortex-A53 64bit			
RAM	2GB DDR3			
Flash Memory	32 GB			
GENERAL				
Outline Dimension (W x H x D)	8.33 x 13.78 x 1.38" (211.8 x 350.1 x 35.3 mm)	9.39 x 16.04 x 1.38" (238.6 x 407.5 x 35.3 mm)	17.11" x 32.08" x 2.92" (434.7 x 815 x 74.3 mm)	22.99 x 41.91 x 3.18" (584 x 1064.6 x 81 mm)
Net Weight / Gross Weight	5.4 lbs (2.45 kg) / 7.93 lbs (3.6 kg)	6.61 lbs (3 kg) / 9.25 lbs (4.2 kg)	39.68 lbs (18.0 kg) / 50.7 lbs (23.0 kg)	54.79 lbs (24.4 kg) / 70.54 lbs (32.0 kg)
Mount	VESA 100 x 100 (M4 x L10)	VESA 100 x 100 (M4 x L10)	VESA 200 x 200 (M6 x L8)	VESA 200 x 200 (M6 x L8)
Built in Speaker	3W x 2	3W x 2	5W x 2	5W x 2
Special Feature	Built-in Android OS w/CMS for Digital Signage WiFi Support			
Electrical Ratings / Consumption	24V DC & 12V DC/3A ≤ 12 W	24V DC & 12V DC/3A ≤ 12 W	AC 110 ~ 240V (50/60Hz) / 24V DC/3A ≤ 50 W	AC 110 ~ 240V (50/60Hz) / 24V DC/3A ≤ 68 W
Operating Temperature	32 ~ 122°F / 0 ~ 50°C	32 ~ 122°F / 0 ~ 50°C	14 ~ 122°F / -10 ~ 50°C	14 ~ 122°F / -10 ~ 50°C
Operating Humidity	5 ~ 90 % RH			
Regulation	FCC(A), CE, NDAA, RoHS			
Transmitter - IR Remote Control	Support			
Compatible Mounts - Wall/Pole	Wall: VZ-AM02-A, VZ-SM01 Pole: VZ-SCM-S, VZ-SCM-SQ			
Compatible Mounts - Ceiling	VZ-CM308		VZ-CM308, VZ-CMKIT-01, VZ-CMKIT-02	

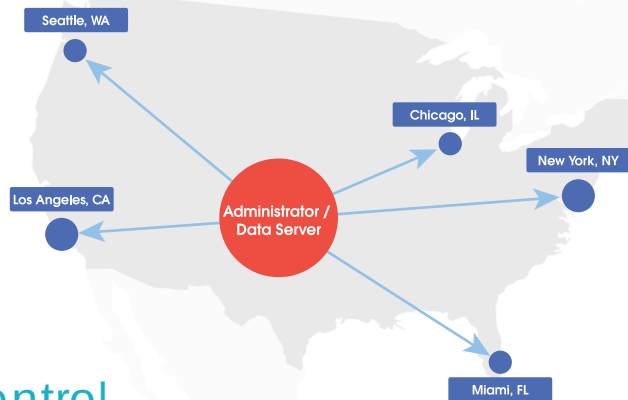
Smart AD PVM by ViewZ is a CMS capable PVM solution with advanced digital signage features designed for multi-location retails that rely on central management of signage contents.

Smart AD PVM's license-free CMS software is a user friendly central management software that allows an administrator to upload and manage signage contents over the wide area network to multiple units in different locations from a centralized location.

* Available Display Modes



A : PVM Camera
B, C, D: Media Content



Powerful Remote Control

One Server Control Unlimited Smart AD PVMs

ViewZ Smart AD PVM Content Management Software(CMS) allows the administrator to control every Smart AD PVM in the organization's Intranet or Internet. From a centralized location, the signage contents that reside on a centralized server would be distributed to multiple units/locations either manually or automatically based on a set schedule.

Convenient Management

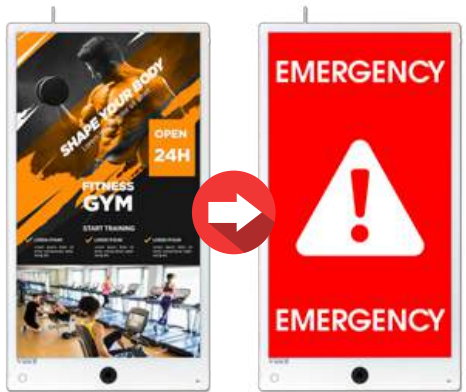
License-Free, User Friendly

Smart AD PVM Content management software allows the administrator to easily manage advertising contents via Internet or Intranet network. The license-free software provides limitless options for layouts along with user-friendly and intuitive interface.

Alert System

Emergency, Control & Alert Process

The Alert System is a proactive tool that allows for quick response in the event of an emergency such as active shooter, natural disaster, fire etc

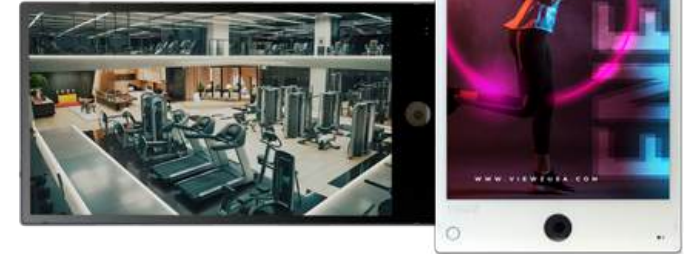


Smart AD PVM
CMS

New Innovation in Retail Digital Signage

Seamless Integration of Security & Digital Signage

ViewZ' Smart AD PVM is capable of displaying two different digital advertising contents simultaneously with the camera view from the built-in camera. Flexible layout options being the key feature of the product, it also allows for one larger digital advertising content to be shown with the camera view. Designed with retail environments in mind, Smart AD PVM is the ultimate solution for retail applications where security & advertising are equally important.



Variable Source Selection

Image & Video files, Built-in Camera, RSS, News Ticker, Live Streaming Video & More



Images, Videos



Ticker, Live Streaming Video



Built-in Camera View



More.



IP PVM

IP Based Public View Monitors



Profile S



DUAL POWER

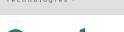


MEDIA PLAYER



Model Name	IP Based Public View Monitors					
	VZ-PVM-I1W4N / I1B3N	VZ-PVM-I1W4P / I1B4P	VZ-PVM-I2W3N / I2B3N	VZ-PVM-I3W3N / I3B3N	VZ-PVM-I4W3N / I4B3N	VZ-PVM-I5W3N / I5B3N
						
	COLOR Options ○ ●	COLOR Options ○ ●	COLOR Options ○ ●	COLOR Options ○ ●	COLOR Options ○ ●	COLOR Options ○ ●
DISPLAY						
Screen Size (Max. Resolution)	10.1" (1280 x 800 @60Hz)	10.1" (800 x 1200 @60Hz)	23.6" (1920 x 1080 @60Hz)	27" (1920 x 1080 @60Hz)	32" (1920 x 1080 @60Hz)	43" (1920 x 1080 @60Hz)
Pixel Pitch	0.1695 mm x 0.1695 mm	0.1695 mm x 0.1695 mm	0.2715 mm x 0.2715 mm	0.31125 mm x 0.31125 mm	0.36375 mm x 0.36375 mm	0.4902 mm x 0.4902 mm
Brightness	350 cd/m² (Typical)	350 cd/m² (Typical)	250 cd/m² (Typical)	300 cd/m² (Typical)	250 cd/m² (Typical)	350 cd/m² (Typical)
Contrast / Aspect Ratio	900 : 1 / 16 : 10	900 : 1 / 10 : 16	3000 : 1 / 16 : 9	3000 : 1 / 16 : 9	1200 : 1 / 16 : 9	1200 : 1 / 16 : 9
Viewing Angle (H/V)	170° / 170°	170° / 170°	178° / 178°			
Display Color / Response Time	16.7 Million / < 30 ms	16.7 Million / < 30 ms	16.7 Million / < 10 ms	16.7 Million / < 12 ms	16.7 Million / < 8 ms	16.7 Million / < 8 ms
INTERFACE						
AV (Composite) In / Camera(CVBS) Out	-	-	1 / 1			
Audio In / Out	-	-	1 / 1			
HDMI In / VGA In (15Pin D-Sub)	-	-	1 / 1			
RJ-45 (TCP/IP) PoE / Micro SD	1 / 1 (Recording)		1 / 1 (Recording)			1 (Not PoE) / 1 (Recording)
DC12V (Camera) Out	-	-	1			
SD Card / USB In (Media Player)	1 / 1		1 / 1 (Optional)			
Camera						
Camera Type	2.0 Mega Pixel IP Camera		2.0 Mega Pixel IP Camera			
Image Sensor / Encoder Chipset	SONY IMX307 / NT98529		SONY IMX307 / NT98520			
Lens	2.8 mm Board Lens		DC Auto Iris 2.8 ~ 12mm Vari-focal Lens			
Max. Resolution	1920(H) x 1080 (V) 30fps		1920(H) x 1080 (V) 30fps			
Video Compression / Integration Protocol			H.264 (Main profile), H.265, MJPEG, CBR, VBR / ONVIF 2.6 (supported), SDK, CGI			
Video Out	1ch RJ-45 output		1ch CVBS (NTSC/PAL) / 1ch RJ-45 output			
Intelligent Detection	Perimeter, Single Virtual Fence, Loiter, Converse, Double Virtual Fences, Signal Bad					
Motion Detection / User Access	Support / (Max) 10 Users					
Ethernet / Web Application	10/100 Base-T / Firefox, Chrome, Edge					
Network / Integration Protocol	IPv4/IPv6, 802.1x, HTTP, HTTPS, TCP/IP, UDP/IP, RTP, DHCP, NTP, RTPC/RTP, PPPoE, SMTP, DNS, UPnP, FTP, ARP, SNMP, TLS/SS					
Function	2D/3D DNR, HLC/BLC, Defog, WDR, Gain, White Balance, Noise Reduction, Aisle Mode, Smart IR, Mirror, Privacy Masking, True WDR, Digital Zoom, Day/Night (Auto ICR), Region of Interest (Off/On, 8zone & Rectangle)					
Recording Capacity	TF Card (EXT4 format, MAX 256G) : 2MP - H.265 w/256G (30fps/11days & 15fps/15days) 2MP - H.264 w/256G (30fps/5days & 15fps/7days)					
MEDIA CARD - Optional Feature						
External Storage	Support SD/SDHC CARD (Max. 128GB), USB 2.0 Host					
Output	1080P @60Hz	VIDEO - HDMI(1080p) / AUDIO - L/R, HDMI				
VIDEO Format	RM, RMVB, AVI, DVIX, MKV, MOV, HDMOV, MP4, M4V, PMP, AVC, FLV, VOB, MPG, DAT, MPEG, TS, TP, M2TS, WMV, H.264, H.263, WMV9, VC-1, MPEG1/2/4					
Max. VIDEO Resolution	1080P @60/50Hz, 1080i @60/50Hz, 720P @60/50Hz					
AUDIO Format	MPEG1/2/4, MP3, WMA, OGG, AAC, FLAC, APE, AC-3, DTS, ATRA, WAV, PCM					
Image Format	JPEG, TIF, PNG, BMP					
VIDEO Play Control	AUTO, REPEAT, ZOOM, RESUME, TIME					
GENERAL						
Outline Dimension (W x H x D)	9.45 x 7.61 x 1.39" (240 x 193 x 35.5 mm)	6.48 x 10.99 x 1.85" (164.6 x 279.2 x 47.2 mm)	21.71 x 16.05 x 2.17" (551.6x407.9x55.3mm)	25.07 x 17.93 x 2.17" (636.8x455.6x55.3mm)	28.86 x 20 x 2.17" (733.2x508.3x55.3mm)	38.7 x 25.83 x 3.24" (983x656.2x82.5mm)
Net Weight / Gross Weight	4.4 lbs (2.0 kg) / 5.51 lbs (2.5 kg)	4.4 lbs (2.0 kg) / 5.51 lbs (2.5 kg)	22.04 lbs (10.00 kg) / 29.76 lbs (13.5 kg)	28.66 lbs (13.00 kg) / 33.06 lbs (15.0 kg)	33.06 lbs (15.00 kg) / 39.68 lbs (18.0 kg)	48.5 lbs (22.00 kg) / -
Mount	VESA 75 x 75 (M4 x L8)	VESA 75 x 75 (M4 x L8)	VESA 100 x 100 (M4 x L10) / 200 x 200 (M6 x L8)		VESA 200 x 200 (M6 x L8)	VESA 200 x 200 (M6 x L15)
Built in Speaker	2W x 2	2W x 2	5W x 2			
People Count / Mask Detection	Support					
Alarm Control	Video Obstruction Alarm, Video Loss Alarm, Door Open Alarm, Power Loss Alarm		-			
Special Feature	People Count, On-Screen Banner, Face / Full Body / Motion Detection					
Multi-lingual Language	English, Spanish, French, German, Italian, Portuguese, Dutch					
Electrical Ratings / Consumption	P.o.E. (37 - 52V) ≤ 24 W	P.o.E. (37 - 52V) ≤ 24 W	PoE++ (Type3) 48VDC 24VDC/2.7A ≤ 50 W	PoE ++ (Type3) 48V DC 24V DC/2A ≤ 50 W	PoE ++ (Type4) 48V DC 24V DC/3A ≤ 65 W	AC110~240V(50/60Hz) 24V DC/5A ≤ 85 W
Operating Temperature/Humidity	14 ~ 122°F (-10 ~ 50°C) / 5 ~ 90%RH					
Regulation	NDA, FCC(A), CE, RoHS					
Transmitter - IR Remote Control	Support					
Compatible Mounts	Wall: VZ-WM02, VZ-WM05, VZ-AM02-A Pole: VZ-SCM, VZ-SM01		WALL: VZ-WM50, VZ-AM02-A CEILING: VZ-CM308, VZ-CMKIT-01, VZ-CMKIT-02			

ONVIF Profile S Compliant List

VMS**	COMPATIBILITY		VMS**	COMPATIBILITY	
	CONTINUOUS	MOTION		CONTINUOUS	MOTION
 aimetis	Symphony	● *	 Luxriot® Simple yet Powerful	Luxriot VMS	● ●
 NET	NET Professional	● *	 MARCH	Command Lite	● ●
 American Dynamics	VideoEdge	● ●	 milestone	XProtect	● ●
 arteco	ARTECO Logic	● *	 MIRASYS	MultipleSeries	● ● *
 avigilon THE BEST EVIDENCE™	ACC	● ●	 nuuo	IP Surveillance	● ●
 AXIS COMMUNICATIONS	Camera Station	● ●	 onSSI	Ocularis	● ●
 axxon next	Axxon Next	● ●	 OpenEye®	OpenEye	● ●
 ClickIt	Clickit	● ●	 PRO	Video Insight	● ● *
 dahuat	NVR	● ●	 PELCO	Digital Sentry	● ●
 DisiFort	DiGiFort	● ●	 SALIENT SYSTEMS	Complete View	● ●
 DW DIGITAL WATCHDOG Everyday's Digital	DWSpectrum	● *	 SeeTec network-based video surveillance	SeeTec	● ●
 exacq technologies	ExacqVision	● ●	 Synology®	NVR	● ●
 Genetec	Security Desk	● ●	 VERINT POWERING ACTIONABLE INTELLIGENCE	Nextiva	● ● *
 HIKVISION	iVMS	● ●	 WATCHER Video Protection	NET Vision	● ●
 i3 INTERNATIONAL	SRX	● ●	 3X LOGIC	Vigil	● ● *
 IndigoVision	Indigo Vision	● ●			
 ICONFIGURE	Orchid	● *			
 ITX Security	NVR	● ●			

* Server-based Motion Events

● Compatible ● Coming soon

PVMS
PARTNERS



AI IP PVM

Discover Effortless Analysis with Precise & Autonomous AI

Strengthen your security posture by staying ahead of the curve with our future-ready object classification solutions.



Profile S



DUAL POWER



MEDIA PLAYER





Gun Detection

Gun Detect saves lives through early gun and active shooter detection, human verification, mass communication & automated response.



Intrusion

Swiftly identifies unauthorized access, ensuring real-time security alerts and rapid response capabilities.



Face Detection

Used for various surveillance purposes, self-enrollment for access control, and personalized user experiences without infringing on privacy rights.



Line Crossing

Instantly detects and alerts to any breach, ensuring vigilant perimeter security with real-time notifications.



People Counting

Know exactly how many people come and go. You can find the difference between the estimated and actual floating population.



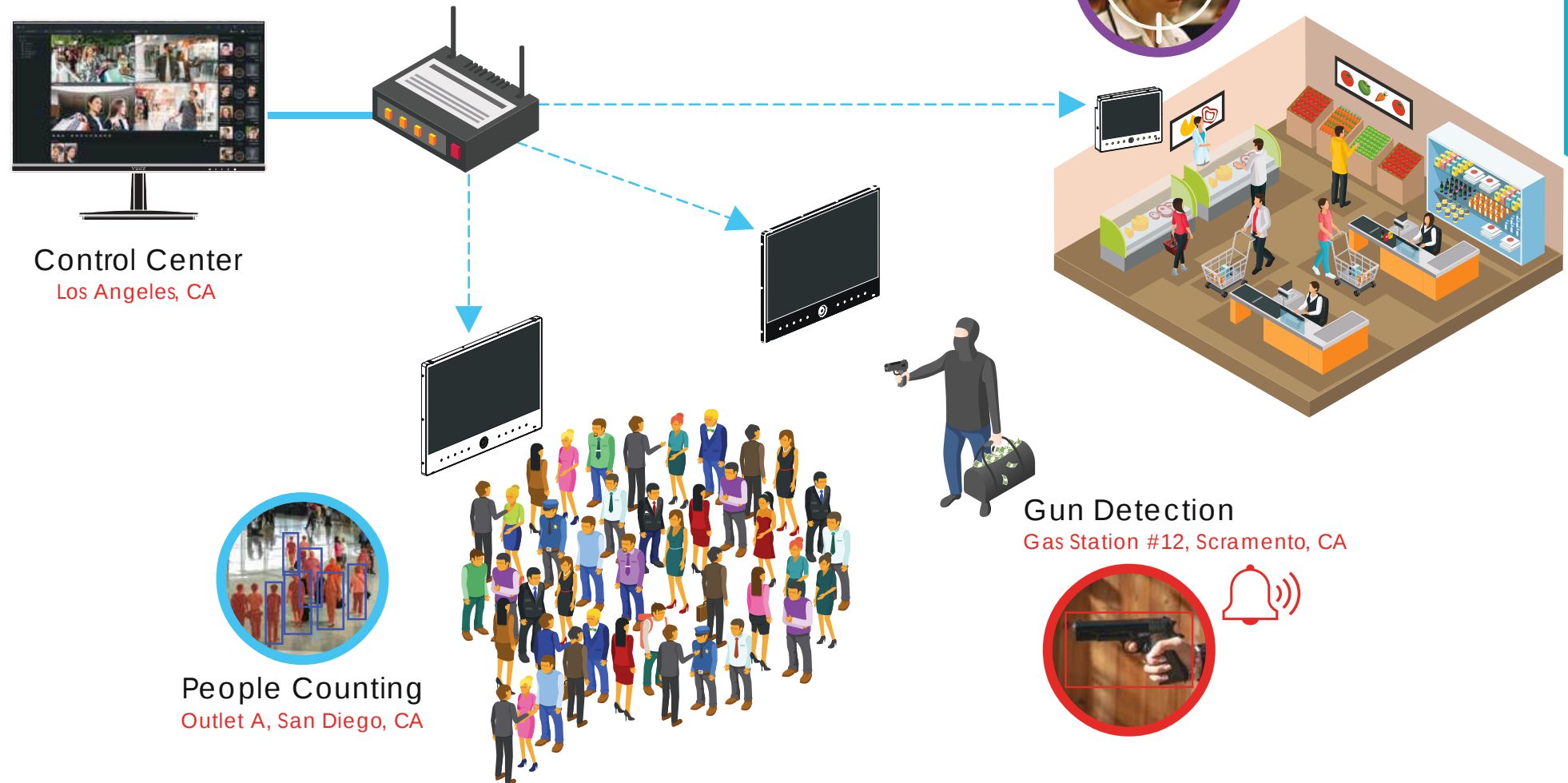
Loitering

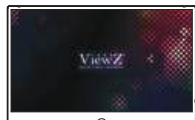
Enhances security by identifying & responding to prolonged presence in monitored areas, ensuring a proactive approach to security.

AI IP PVM CMS

Powerful Remote Control

One IMS server controls unlimited AI IP PVMs



Model Name	AI Public View Monitors					
	VZ-PVM-A1W4N / A1B3N	VZ-PVM-A1W4P / A1B4P	VZ-PVM-A2W3N / A2B3N	VZ-PVM-A3W3N / A3B3N	VZ-PVM-A4W3N / A4B3N	VZ-PVM-A5W3N / A5B3N
						
DISPLAY						
Screen Size (Max. Resolution)	10.1" (1280 x 800 @60Hz)	10.1" (800 x 1200 @60Hz)	23.6" (1920 x 1080 @60Hz)	27" (1920 x 1080 @60Hz)	32" (1920 x 1080 @60Hz)	43" (1920 x 1080 @60Hz)
Pixel Pitch	0.1695 mm x 0.1695 mm	0.1695 mm x 0.1695 mm	0.2715 mm x 0.2715 mm	0.31125 mm x 0.31125 mm	0.36375 mm x 0.36375 mm	0.4902 mm x 0.4902 mm
Brightness	350 cd/m² (Typical)	350 cd/m² (Typical)	250 cd/m² (Typical)	300 cd/m² (Typical)	250 cd/m² (Typical)	350 cd/m² (Typical)
Contrast / Aspect Ratio	900 : 1 / 16 : 9	900 : 1 / 10 : 16	3000 : 1 / 16 : 9	3000 : 1 / 16 : 9	1200 : 1 / 16 : 9	1200 : 1 / 16 : 9
Viewing Angle (H/V)	170° / 170°	170° / 170°	178° / 178°			
Display Color / Response Time	16.7 Million / < 30 ms	16.7 Million / < 30 ms	16.7 Million / < 10 ms	16.7 Million / < 12 ms	16.7 Million / < 8 ms	16.7 Million / < 8 ms
INTERFACE						
AV(Composite) In / Camera(CVBS) Out	-		1 / 1			
Alarm In / Out	-		1 / 1			
HDMI In / VGA In (15Pin D-Sub)	-		1 / 1			
RJ-45 (TCP/IP) PoE / Micro SD	1 / 1 (Recording)		1 / 1 (Recording)			1 (Not PoE) / 1 (Recording)
DC12V (Camera Use) Out	-		1			
SD Card / USB In (Media Player)	1 / 1		- / 1			
Camera						
Camera Type	2.0 Mega Pixel IP Camera	2.0 Mega Pixel IP Camera	2.0 Mega Pixel IP Camera			
Image Sensor / Encoder Chipset	SONY IMX307 / NT98529	SONY IMX307 / NT98529	SONY IMX307 / NT98520			
Lens	2.8 mm Board Lens	2.8 mm Board Lens	DC Auto Iris 2.8 ~ 12mm Vari-focal Lens			
Max. Resolution	1920(H) x 1080 (V) 30fps	1920(H) x 1080 (V) 30fps	1920(H) x 1080 (V) 30fps			
Video Compression	H.264 (Main profile), H.265, MJPEG, CBR, VBR					
Video Out	1ch RJ-45 output	1ch RJ-45 output	1ch CVBS (NTSC/PAL) / 1ch RJ-45 output			
Motion Detection / User Access	Support / (Max) 10 Users					
Ethernet / Web Application	10/100 Base-T / Firefox, Chrome, Edge					
Network / Integration Protocol	IPv4/IPv6, 802.1x, HTTP, HTTPS, TCP/IP, UDP/IP, RTSP, DHCP, NTP, RTCP/RTP, PPPoE, SMTP, DNS, UPnP, FTP, ARP, SNMP, TLS/SSL					
Function	2D/3D DNR, HLC/BLC, Defog, WDR, Gain, White Balance, Noise Reduction, Aisle Mode, Smart IR, Mirror, Privacy Masking, True WDR, Digital Zoom, Day/Night (Auto ICR), Region of Interest (Off/On, 8zone & Rectangle)					
Recording Capacity	TF Card (EXT4 format, MAX 256G) : 2MP - H.265 w/256G (30fps/11days & 15fps/15days) 2MP - H.264 w/256G (30fps/5days & 15fps/7days)					
MEDIA CARD - Optional Feature						
External Storage	Support SD/SDHC CARD (Max. 128GB), USB 2.0					
Output	1080P @60Hz	VIDEO - HDMI(1080p) / AUDIO - L/R, HDMI				
VIDEO Format	RM, RMVB, AVI, DVIX, MKV, MOV, HDMOV, MP4, M4V, PMP, AVC, FLV, VOB, MPG, DAT, MPEG, TS, TP, M2TS, WMV, H.264, H.263, WMV9, VC-1, MPEG1/2/4					
Max. VIDEO Resolution	1080P @60/50Hz, 1080i @60/50Hz, 720P @60/50Hz					
AUDIO Format	MPEG1/2/4, MP3, WMA, OGG, AAC, FLAC, APE, AC-3, DTS, ATRA, WAV, PCM					
Image Format	JPEG, TIF, PNG, BMP					
VIDEO Play Control	AUTO, REPEAT, ZOOM, RESUME, TIME					
GENERAL						
Outline Dimension (W x H x D)	9.45 x 7.61 x 1.39" (240 x 193 x 35.5 mm)	6.48 x 10.99 x 1.85" (164.6 x 279.2 x 47.2 mm)	21.71 x 16.05 x 2.17" (551.6x407.9x55.3mm)	25.07 x 17.93 x 2.17" (636.8x455.6x55.3mm)	28.86 x 20 x 2.17" (733.2x508.3x55.3mm)	38.7 x 25.83 x 3.24" (983x656.2x82.5mm)
Net Weight / Gross Weight	4.4 lbs (2.0 kg) / 5.51 lbs (2.5 kg)	4.4 lbs (2.0 kg) / 5.51 lbs (2.5 kg)	22.04 lbs (10.0 kg) / 29.76 lbs (13.5 kg)	28.66 lbs (13.00 kg) / 33.06 lbs (15.0 kg)	33.06 lbs (15.00 kg) / 39.68 lbs (18.0 kg)	48.5 lbs (22.00 kg) / -
Mount	VESA 75 x 75 (M4 x L8)	VESA 75 x 75 (M4 x L8)	VESA 100 x 100 (M4 x L10) / 200 x 200 (M6 x L8)		VESA 200 x 200 (M6 x L8)	VESA 200 x 200 (M6 x L15)
Built in Speaker	2W x 2	2W x 2	5W x 2		5W x 2	5W x 2
Intelligent Detection	Smart Motion, Single/Double Line Crossing, Multi-Loitering, Wrong Way, General Parameters, Single Bad, Gun Detect, People Count, Intrusion					
Alarm Control	Video Obstruction Alarm, Video Loss Alarm, Door Open Alarm, Power Loss Alarm			-		
Special Feature	People Count, Emergency Alert, On-Screen Banner, Customizing Banner, Gun Detection, Face Detection, Full Body Detection, Motion Detection					
Integration Protocol	ONVIF 22.06 (supported), SDK, CGI					
Multi-lingual Language	English, Spanish, French, Portuguese, Japanese					
Electrical Ratings / Consumption	P.o.E. (37 - 52V) ≤ 24 W	P.o.E. (37 - 52V) ≤ 24 W	PoE++(Type3) 48V DC 24V DC/2.7A ≤ 50W	PoE++(Type3) 48V DC 24V DC/3A ≤ 50 W	PoE ++ (Type4) 48V DC 24V DC/3A ≤ 65 W	AC110~240V(50/60Hz) 24V DC/5A ≤ 85 W
Operating Temperature/Humidity	14 ~ 122°F (-10 ~ 50°C) / 5 ~ 90%					
Regulation	NDAF, FCC(A), CE, RoHS					
Transmitter - IR Remote Control	Support					
Compatible Mounts	Wall: VZ-WM05, VZ-WM11, VZ-AM02-A Pole: VZ-SCM, VZ-SM01			WALL: VZ-WM50, VZ-AM02-A CEILING: VZ-CM308, VZ-CMKIT-01, VZ-CMKIT-02		



HD PVM

HD Public View Monitors

Full HD DISPLAY

Built-in 2MP camera with 960 TV line is capable of displaying and streaming full 1080p resolution video.

Video Loss / Door Open Alarm

The basic functioning is a sensor that triggers an alarm when a back case opened without authorization, and video loss.

AUTO POWER & SOURCE RECOVERY

Auto power and source recovery feature is designed to automatically restore PVM's power as well as source when the power comes back on after a power failure.

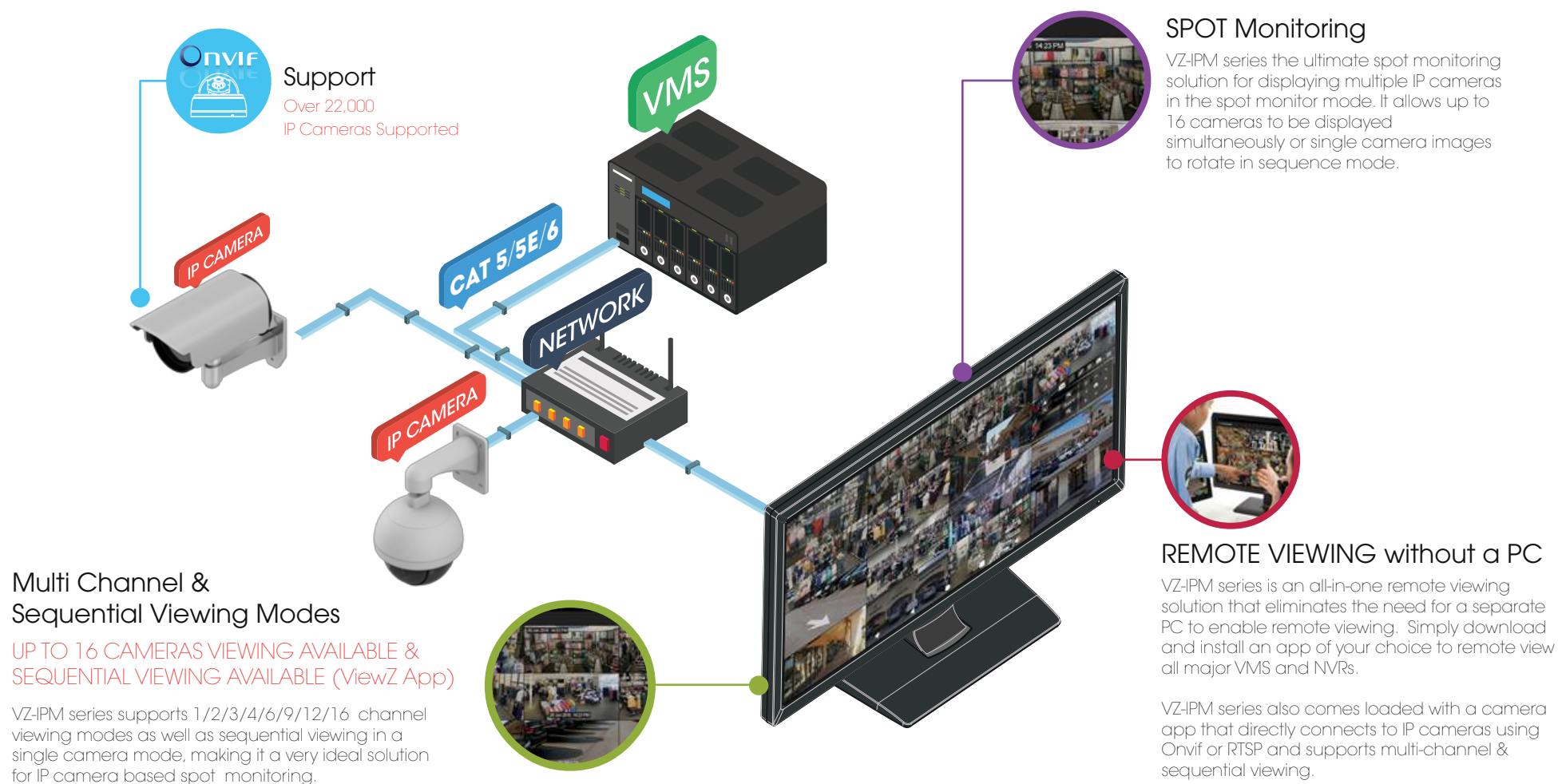
HD Analog Public View Monitors VZ-PVM-Z1W5N	
Model Name	 
DISPLAY	
Screen Size (Max. Resolution)	10.1" (1280 x 800 @60Hz)
Pixel Pitch	0.1695 mm x 0.1695 mm
Brightness	300cd/m ² (Typical)
Contrast	1000 : 1
Aspect Ratio	16 : 10
Viewing Angle (H/V)	170° / 170°
Display Color	16.7 Million
Response Time	< 25 ms
INTERFACE	
Camera (CVBS) Out	1
SD Card In (Media Player)	1
Camera	
Camera Type	2.1 Mega Pixel Camera
Image Sensor / Encoder Chipset	1/2.8" CMOS MN34227 / Nextchip NVP2440
Lens	2.8 mm Fixed Lens
Max. Resolution	1920(H) x 1080p(V) 30fps
Video Out	CVBS (960H) / 1.0 Vp-p Composite (75Ω)
Motion Detection	Support
Min. Illumination	Color: 1.0 lux, BW: 0.5 lux, Color: DSS:0.017 lux, BW DSS:0.0008 lux
Function	2D/3D NR, HLC/BLC, Defog, D/N, DWDR, AGC, AES, AWB, Privacy Masking (4 zone)
MEDIA CARD - Optional Feature	
External Storage	Support SD CARD (Max.64GB)
Output	VIDEO - HDMI(1080p) / AUDIO - L/R, HDMI
VIDEO Format	RMVB, RM(RV8/9), H.263, MPEG-1/2(VOB), H.264 (MOV/MP4/M4V), MPEG-4(XVID/DIVX), WMV7, VC-1, MKV, AVI, TS/TP, VOB, PMP, FLV
Max. VIDEO Resolution	1080P @60Hz
AUDIO Format	MP3, WMA, AFE, FLAC, OGG, APE, AAC, AC3, DTS
Image Format	JPEG, GIF, PNG, BMP
VIDEO Play Control	AUTO, REPEAT, ZOOM, RESUME, TIME
GENERAL	
Outline Dimension (W x H x D)	9.88 x 8.31 x 1.80" (251.2 x 211.2 x 45.9 mm)
Net Weight / Gross Weight	4.62 lbs (2.1 kg) / 7.05 lbs (3.2 kg)
Mount	VESA 100 x 100 (M4 x L10)
Built in Speaker	2W x 2
Multi Display Function	PIP / PBP
Filter Type	3D Comb-filter / De-Interlace
Multi-lingual Language	English, Spanish, French, Russian, Portuguese, Japanese
Electrical Ratings	DC 12V / 2A
Power Consumption	≤ 12 W
Operating Temperature	32 ~ 104°F / 0 ~ 40°C
Regulation	FCC(A), CE, RoHS
Transmitter - IR Remote Control	Support
Compatible Mounts	Wall: VZ-WM05, VZ-WM11, VZ-SM01 Pole: VZ-SCM-S, VZ-SCM-SQ



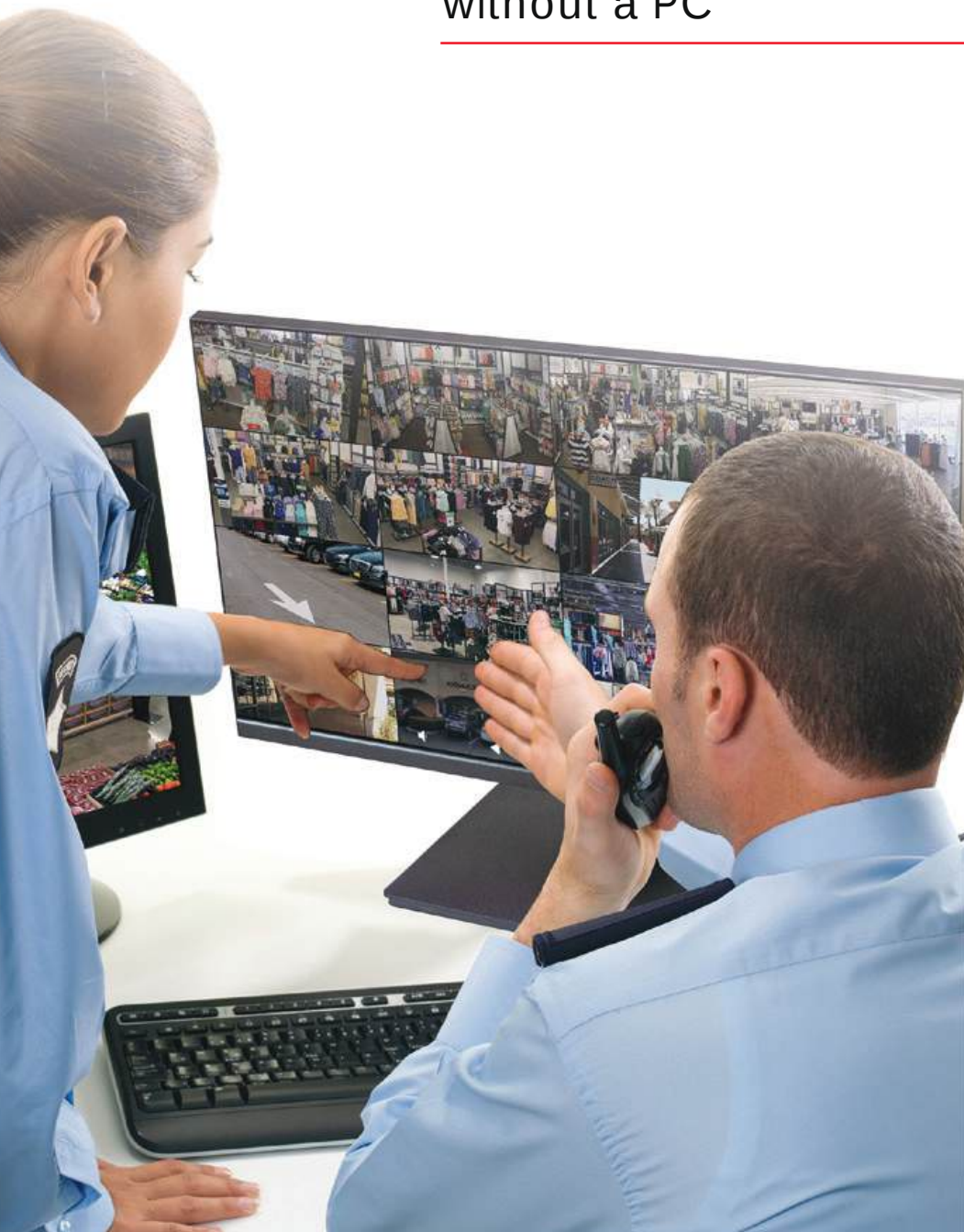
IPM series REMOTE VIEWING & SPOT MONITORING

ALL-IN-ONE REMOTE VIEWING SOLUTION BRINGS DOWN COST

With just one equipment and no Windows license to deal with, you can benefit from additional visibility to your surveillance system at reduced costs.



Remote viewing station without a PC



Model Name	IP Input Monitors	
	VZ-24IPM	VZ-32IPM
		
DISPLAY		
Screen Size (Max. Resolution)	23.8" (1920 x 1080 @60Hz)	32" (3840 x 2160 @60Hz)
Pixel Pitch	0.2745 mm x 0.2745 mm	0.18159 mm x 0.18159 mm
Brightness	250 cd/m²(Typical)	350 cd/m²(Typical)
Contrast	1000 : 1	1000 : 1
Aspect Ratio	16 : 9	16 : 9
Viewing Angle (H/V)	178° / 178°	178° / 178°
Display Color	16.7 Million	16.7 Million
Response Time	< 14 ms	< 14 ms
INTERFACE		
RJ 45 (Ethernet 10/100)	1	1
USB 2.0 / 3.0 In (Type A)	1 / 1	1 / 1
USB In (Type C)	1	1
HDMI In (Test Purpose Only) / Out	1 / 1	1 / 1
Audio Out	1	1
Micro SD In	1	1
I/O (Reset)	1	1
ANDROID BOARD SPEC		
Android OS	Ver. 12.0	
CPU	Octa Core, Quad Cortex-A76 & A55, 2.1 GHz	
RAM	8GB DDR4	
Storage	32GB (Nand-Flash)	
External Storage	Micro SD up to 32GB / USB 2.0 up to 2TB	
SPECIAL FEATURES		
Sequential Viewing Mode	Support	
Multi Channel Viewing Modes	1 / 2 / 3 / 4 / 6 / 9 / 12 / 16	
3rd Party Security App	Support (EDLA Google Certification)	
GENERAL		
Outline Dimension (W x H x D)	21.31 x 16.2 x 1.53" (541.4 x 411.7 x 39 mm)	28.27 x 18.3 x 5.9" (718.1 x 465.2 x 149.5 mm)
Net Weight / Gross Weight	8.04 lbs (3.65 kg) / 9.92 lbs (4.5k g)	14.33 lb (6.5 kg) / 19.4 lb (8.8 kg)
Mount	VESA 100 x 100 (M4 x L8 Screws)	VESA 75x75 (2*M4xL15+6mm / 2*M4xL20+6mm)
Electrical Ratings / Consumption	DC 12V, 4A (AC100 ~ 240V[50/60Hz]) / ≤ 32 W	DC 12V, 5A (AC100 ~ 240V[50/60Hz]) / ≤ 43 W
Operating Temperature / Humidity	14 ~ 122°F (-10 ~ 50°C) / 5 ~ 90% RH	32 ~ 140°F (0 ~ 60°C) / 5 ~ 90% RH
Transmitter - IR Remote Control	Support	
Compatible Mounts	VZ-WM05, VZ-WM11, VZ-AM02-A, VZ-CMKIT-01	VZ-AM02-A,VZ-CM308,VZ-CMKIT-02
Built in Speaker	3W x 2	3W x 2
Multi-lingual Language	English, German, Spanish, French, Italian, Portuguese, Netherlander	
Regulation	FCC(A), CE, NDA, RoHS	
COMPATIBLE IP CAMERAS		
Brand	ACTI Corporation, Advance Vision, American Dynamics, APPRO, Asoni, Avigilon, AV TECH, Axis, BASLER AG, Bosch, Brickcom, 3S.Pocketnet , Canon, CBC, CNB Technology, D-Link, Dallmeier, Digital Watchdog, Divitec Nederland BV, DRS RSTA, DV Tel, Dynacolor, EverFocus, FLIR Systems, GeoVision, Hikvision, Hitron Systems, Honeywell Security, Huawei, Hunt Electronic, IDIS, Infinova, Ingrasys, ITX, JVC Kenwood, LG, March Networks, Merit Lilin, OpenEye, NEXCOM Panasonic, PELCO, PLANET, Provideo, SAMSUNG Techwin, SUNELL, SIEMENS, SONY, SPECO, Synesis, Topview, Verint, Vicon, VIVOTEK, XTS, Yoko Tech., - Over 22,000 IP Cameras	



Restaurant



Bank Lobby



Parking Lot Surveillance



Transportation



Casino



Retail



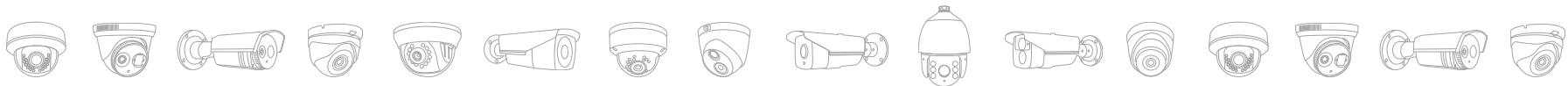
Loss Prevention Room



Warehouse

Supported IP camera manufacturers

Over 22,000 IP camera models supported



RECORDABLE CALL-UP MONITOR

It was done with analog...**Why** not IP?

① Loss Prevention

D2IP allows the security administrator to compile security camera footages to recall a specific security event and record to a single channel on a VMS / NVR.

② Employee Monitoring

D2IP is also ideal for discreet employee monitoring and is able to capture, encode and stream whatever is being displayed on the screen and record to a single channel on the VMS / NVR, thereby creating undisputable evidence of that employee's activities.

PROFESSIONAL SECURITY MONITORS



INPUTS

ViewZ LCD/LED monitors feature common interfaces such as HDMI, DVI and VGA, but unlike consumer grade monitors and TVs, select ViewZ models come equipped with BNC and hybrid BNC (AHD/TVI/CVI) to cater specifically to CCTV application. These select models also feature BNC loop-through so you can feed the signal back to spot monitor or local DVR for recording.



4:3/16:9 ASPECT RATIO

4:3 display mode available in 16:9 aspect ratio models is perfect for displaying analog surveillance footage in 4:3 aspect ratio when directly connecting to an analog CCTV camera via BNC inputs.



OEM FRIENDLY

As an OEM manufacturer supplying to many globally recognized brands, ViewZ offers all their products with the OEM option with different levels of customization.



24/7 Operation and 3 Year Factory Warranty

ViewZ professional security monitors are built with commercial grade "A" panels that have superior color reproduction along with much higher reliability and longer life span. Built to run 24/7, ViewZ monitors are made to last and backed by our 3 year factory warranty.

7IPTM

7" Touch Screen WiFi Test Monitor



Touch Screen

PoE OUT 48V

RS485 PTZ CONTROL

CVI/AHD/TVI/SDI
HYBRID TEST

RECORD & PLAY



RTC

10.1" RTC 16:9 Professional Security Monitors

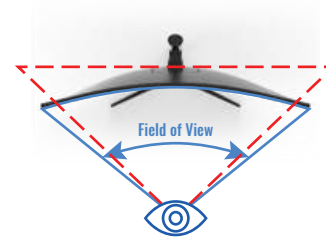
	TEST Monitors	Premium LED CCTV Monitor
	VZ-7IPTM	VZ-101RTC
Model Name		
DISPLAY		
Screen Size (Max. Resolution)	7" (1200 x 800 @60Hz)	10.1" (1024 x 600 @60Hz)
Pixel Pitch	-	0.2175 mm x 0.2175 mm
Brightness / Contrast	-	300cd/m² (Typical) / 800 : 1
Aspect Ratio	16:9	16 : 9 (4:3 Available)
Viewing Angle (H/V)	-	170° / 170°
Display Color	16.7 Million	16.7 Million
Response Time	-	< 25 ms
INTERFACE		
CVBS (Composite) In/ Out	- / 1	2 / 1
8MP HD-SDI / EX-SDI / 3G-SDI In	1	-
8MP AHD / TVI / CVI / CVBS In	1	-
HDMI In / Out	1 / 1	1 / -
Ethernet (PSE/RJ45-TDR)	1	-
Ethernet (PoE/RJ45-TDR)	1	-
RS485 (PTZ Control) In / VGA In	1 / -	- / 1
TF Card In / Built-in MIC	1 / 1	- / -
Ethernet (UTP / Cable Tracer)	1	- / -
Audio In / Out	1 / 1	1 / -
USB (DC5V/2A) Out / DC24V (2A) Out	1 / 1	-
DC 12V In / Out	1 (2A) / 1 (3A)	1 / -
GENERAL		
Outline Dimension (W x H x D)	9.44 x 6.0 x 1.8" (240 x 154 x 46 mm)	9.92 x 7.28 x 1.05" (252.0 x 185.0 x 26.8 mm)
Net Weight / Gross Weight	4.4 lbs (2.0 kg) / -	2.86 lbs (1.3 kg) / 3.52 lbs (1.6 kg)
Mount / Built in Speaker	-	VESA 75 x 75 (M4 x L8) / 1W X 2
Filter Type	3D Comb-filter / De-Interlace	2D Comb-filter / De-Interlace
P.o.E. Injector	48V / 15W Output	-
Electrical Ratings / Consumption	DC12V, 2A (AC100 ~ 240V[50/60Hz]) / ≤ 60 W	DC 12V, 2A (AC 100 ~ 240V, 50/60Hz) / ≤ 8 W
Operating Temperature	14 ~ 122°F / -10 ~ 50°C	14 ~ 122°F / -10 ~ 50°C
Operating Humidity	30 ~ 90% RH	20 ~ 70% RH
Storage Temperature	-4 ~ 158°F / -20 ~ 70°C	-
Regulation	CE, FCC(A)	CE, FCC(A), NDAA
Auto Source / Power Recovery	Support	Support
Multi-lingual Language	English, Spanish, Russian, Italian, Korean, French, Polish, Spanish, Japanese	English, Spanish, French, German, Italian, Portuguese, Polish, Russian
Working voltage of battery	Built-in 7.6V Battery(7800 mAh) Operating 16 hr	-
Compatible Mounts	-	Wall : VZ-WM05, VZ-WM11 Pole : VZ-SM01, VZ-SCM, VZ-SCM-S/SQ



Curved Security Monitor

provides ultrawide **1500R/3800R** curved screen with 1ms high response time

Model Name	Curved SECURITY MONITOR		
	VZ-27CGM	VZ-34CGM	VZ-49CGM
			
DISPLAY			
Screen Size (Max. Resolution)	27" (1920 x 1080 @60Hz)	34" (3440 x 1440 @60Hz)	49" (5120 x 1440 @60Hz)
Pixel Pitch	0.3114 mm x 0.3114 mm	0.23175 mm x 0.23175 mm	0.234 mm x 0.234 mm
Brightness	350 cd/m² (Typical)	300 cd/m² (Typical)	350 cd/m² (Typical)
Contrast	3000 : 1	3000 : 1	1000 : 1
Aspect Ratio	16 : 9	21 : 9	32 : 9
Viewing Angle (H/V)	178° / 178°	178° / 178°	178° / 178°
Curved Screen	1500R	1500R	3800R
Display Color	16.7 Million	16.7 Million	1.07 B
Response Time	< 1 ms	< 1 ms	< 8 ms / MPRT 1 ms
INTERFACE			
Display Port In	2	2	1
HDMI In (2.0)	2	2	1
Audio Out	1	1	1
USB (Type A) In	-	-	4
USB (Type B) In	-	-	1
USB (Type C - Video & 65W PD) In	-	-	1
FEATURES			
DDC/CI (Command)		Support	
MPRT (Moving Picture Response Time)		Support	
Advanced DCR (Dynamic ContrastRatio)		Support	
Adaptive Sync		Support	
Blue Light Filter		Support	
HDR		Support	
Flicker Free		Support	
Over Drive	-	-	Support
Multi Window	-	PIP / PBP	PIP / PBP
GENERAL			
Outline Dimension (W x H x D)	24 x 14.1 x 2.6" (608.8 x 359.1 x 65.9 mm)	31.96 x 14.39 x 4.6" (811.8x365.6x116.4 mm)	47.84 x 14.4 x 4.56" (1215x366x115.9 mm)
Net/Gross Weight	7.7 lbs (3.5 kg) / 11.28 lbs (5.11 kg)	13.0 lbs (5.89 kg) / 18.3 lbs (8.3 kg)	25.35 lbs (11.5 kg) / 33.95 lbs (15.4 kg)
Electrical Ratings	DC 12V (AC100 ~ 240V[50/60Hz])	DC 12V / 5A (AC100 ~ 240V[50/60Hz])	DC 24V / 3A (AC100 ~ 240V[50/60Hz])
Power Consumption	≤ 32W	≤ 60 W	≤ 62 W / 0.5 W (Stand-by)
Mount	VESA 100 x 100 (M4)	VESA 75x 75 (M4)	VESA 100 x 100 (M4)
Built in Speaker	2W x 2	3W x 2	2W x 2
Operating Temperature	32 ~ 122°F / 0 ~ 50°C	32 ~ 122°F / 0 ~ 50°C	32 ~ 122°F / 0 ~ 50°C
Operating Humidity	20 ~ 85% RH	20 ~ 85% RH	20 ~ 85% RH
Regulations		CE, FCC (A), NDAA, Rohs	
Compatible Mounts - WALL	VZ-AM02-A	VZ-WM50, VZ-AM02-A	VZ-WM50
Compatible Mounts - CEILING	VZ-CMKIT-01, VZ-CMKIT-02, VZ-CM308	VZ-CMKIT-01, VZ-CMKIT-02, VZ-CM308	VZ-CMKIT-01, VZ-CMKIT-02, VZ-CM308
Package Include	Monitor x1, HDMI Cable x 1, Manual x1, Stand x1, 12V Power Adapter x1	Monitor x1, DP Cable x 1, Manual x1, Stand x1, 12V/5A Power Adapter x1	Monitor x1, DP Cable x 1, Manual x1, Stand x1, 24V/3A Power Adapter x1



1500R Absolute Immersion

ViewZ CGM series features the arching display which has an ultra-wide 21:9 aspect ratio with a total resolution of 3440x1440 pixels that envelopes your entire periphery, offering more viewing space when compared to a similarly sized 16:9 monitor.

High Refresh Rate

ViewZ CGM series provides you an edge in performance as frames transition instantly.



Supports HDR

ViewZ CGM series supports HDR and HDR (high dynamic range) does is get more dynamic pictures and quality out of those many, many pixels. This means your viewing experience is better. With an HDR monitor, bright whites look brighter, dark blacks look darker, and 10-bit panels can finally display the 1 billion colors you never realized you could see.

Facial Recognition / Temperature Check / Mask Detection 7" Monitor & Camera

provides additional level of
Access Control by intergrating
with your existing system



Desktop Stand



Floor Stand





Close proximity detection means you don't have to push a button or touch anything to get your temperature checked and show that you're wearing a mask.

If a person's temperature is below the set threshold, an audible message ("Temperature normal") will sound indicating normal temperature. If a person's temperature is above the set threshold, an audible message ("Possible elevated temperature") will sound indicating high temperature.

MASK DETECTION

Mask wearing detection happens at the same time as the temperature check. Again, this is a close proximity detection, meaning there's no need to push a button or touch anything. As soon as VZ-7TIM detects that a person isn't wearing a mask, it will sound an audible message saying "Please put on a mask".



FACE RECOGNITION

You can create a custom database of faces for positive identification upon temperature check & mask wearing detection. This is a great feature if you're a business or an office with the same employees returning to work every day so that when a high temperature is detected, the specific ID of the person whose face is recognized will be logged with the alarm event.



CMS SOFTWARE

VZ-7TIM comes with the complimentary CMS software that allows basic remote management of VZ-7TIMs over the network and also collects and displays detections and alarm events.



Model Name	Face/Temp. Detect Monitor
	VZ-7TIM-S
	
DISPLAY	
Screen Size (Max. Resolution)	7"
INTERFACE	
Ethernet 10/100	1
USB	1 (IC Card Reader)
Wiegand (OUT)	1 (WG26 & WG34)
Alarm	1 ch (Relay Switch)
FACE RECOGNITION	
Height Range	3.93 ~ 7.2 ft / 1.2 ~ 2.2 m
Distance Range	1.64 ~ 6.56 ft / 0.5 ~ 2.0 m
Recognition Time	< 500 ms
Viewing Angle	Ver. ± 40°
Function	Support 22,400 Face DB & 100,000 Records
TEMPERATURE RECOGNITION	
Temperature Detection Range	86 ~ 113 °F / 30 ~ 45 °C
Temperature Detection Accuracy	0.54 °F / 0.3 °C
Distance	0.98 ~ 2.62 ft / 0.3 ~ 0.8 m
Response Time	< 300 ms
Image Format	JPEG, GIF, PNG, BMP
HARDWARE SPEC	
System	Linux OS
RAM	16GB EMMC
CAMERA SPEC	
Camera Type	2 Mega Pixel Binocular w/ Live Detection
Lens	4.5 mm
Image Sensor	1/2.7" CMOS
Total / Effect Pixel	1920 x 1080p
Min. lux	Color 0.01 Lux @F1.2(ICR) B/W 0.001 Lux @F1.2
SNR	≥ 50 db (AGC Off)
WDR	≥ 80 db
GENERAL	
Outline Dimension (W x H x D)	4.86 x 14.22 x 3.3" / 123.5 x 361.3 x 84 mm
Net Weight / Gross Weight	4.62 lbs (2.1 Kg) / 5.5 lbs (2.5 Kg)
Electrical Ratings	DC 12V, 3.0 A (AC100~240V[50/60Hz])
Consumption	20 W (Max)
Regulations	CE, FCC(A), RoHS
Operating Temperature	32 ~ 122°F / 0 ~ 50°C
Operating Humidity	5 ~ 90% RH

Model Name	PREMIUM TOUCH MONITOR			
	VZ-07MCT	VZ-10MCT	VZ-15MCT	VZ-22MCT
				
DISPLAY				
Screen Size (Max. Resolution)	7" (1280 x 800 @60Hz)	10.1" (1920 x 1080 @60Hz)	15.6" (1920 x 1080 @60Hz)	21.5" (1920 x 1080 @60Hz)
Pixel Pitch	-	-	-	0.24795 mm x 0.24795 mm
Brightness	1000 cd/m ² (Typical)	1500 cd/m ² (Typical)	1000 cd/m ² (Typical)	1000 cd/m ² (Typical)
Contrast	800 : 1	1000 : 1	1000 : 1	1000 : 1
Aspect Ratio	16 : 10	16 : 10	32 : 9	16 : 9
Viewing Angle (H/V)	170° / 170°	170° / 170°	160° / 160°	178° / 178°
Display Color	16.7 Million	16.7 Million	16.7 Million	16.7 Million
INTERFACE				
HDMI In (1.4)	1	1	1	1
VGA In	1	1	1	1
AV In	-	-	1	1
Audio In	-	-	1	1
USB (Type C) In	1	1	-	-
Built in Speaker	1	1	2	2
Ear Jack	1 (3.5 mm - 2ch 48K Hz / 24 bit)	1 (3.5 mm - 2ch 48K Hz / 24 bit)	1 (3.5 mm - 2ch 48K Hz / 24 bit)	1 (3.5 mm - 2ch 48K Hz / 24 bit)
FEATURES				
Touch (Sensor Type)	Capacitive			
Touch (Infrared Touch)	10 Points			
Water Proof	Front Panel IP x5	Front Panel IP 65	Front Panel IP x4	Front Panel IP x5
Dust Proof	Front Panel IP 6x	Front Panel IP 65	Front Panel IP 6x	Front Panel IP 6x
INPUT FORMAT				
HDMI	2160p (24/25/30), 1080p (24/25/30/50/60) 1080i (50/60), 720p (50/60)	2160p (24/25/30), 1080p (24/25/30/50/60) 1080i (50/60), 720p (50/60)	2160p (24/25/30), 1080p (24/25/30/50/60) 1080i (50/60), 720p (50/60)	2160p (24/25/30), 1080p (24/25/30/50/60) 1080i (50/60), 720p (50/60)
VGA	1080p (24/25/30/50/60), 1080pSF (24/25/30) 1080i (50/60), 720p (50/60)	1080p (24/25/30/50/60), 1080pSF (24/25/30) 1080i (50/60), 720p (50/60)	1080p (24/25/30/50/60), 1080pSF (24/25/30) 1080i (50/60), 720p (50/60)	1080p (24/25/30/50/60), 1080pSF (24/25/30) 1080i (50/60), 720p (50/60)
USB (Type-C)	1080p (24/25/30/50/60), 1080pSF (24/25/30) 1080i (50/60), 720p (50/60)	1080p (24/25/30/50/60), 1080pSF (24/25/30) 1080i (50/60), 720p (50/60)	- -	- -
GENERAL				
Outline Dimension (W x H x D)	7.26 x 4.67 x 1.25" (184.5 x 118.8 x 32 mm)	10.4 x 7.2 x 1.4" (264 x 183 x 35.6 mm)	16.1 x 10.2 x 1.43" (408 x 259 x 36.5 mm)	21.9 x 13.56 x 1.9" (556 x 344.5 x 48.2 mm)
Net/Gross Weight	0.9 lbs (0.41 kg) / -	2.88 lbs (1.31 kg) / -	6.39 lbs (2.9 kg) / -	13.2 lbs (5.99 kg) / 21.1 lbs (9.54 kg)
Mount	VESA 75 x 75	VESA 75x 75	VESA 75x 75, 100 x 100	VESA 75x 75, 100 x 100
Operating Temperature	-4 ~ 140°F / -20 ~ 60°C	-4 ~ 158°F / -20 ~ 70°C	-4 ~ 140°F / -20 ~ 60°C	32 ~ 122°F / 0 ~ 50°C
Storage Temperature	-22 ~ 176°F / -30 ~ 80°C	-22 ~ 176°F / -30 ~ 80°C	-22 ~ 140°F / -30 ~ 70°C	-4 ~ 140°F / -20 ~ 60°C
Operating Humidity	90% RH	90% RH	90% RH	90% RH
Electrical Ratings	DC 9 ~ 36V (AC100 ~ 240V[50/60Hz])	DC 12 ~ 24V (AC100 ~ 240V[50/60Hz])	DC 12 ~ 24V (AC100 ~ 240V[50/60Hz])	DC 12 ~ 24V (AC100 ~ 240V[50/60Hz])
Power Consumption	≤ 8.5 W (12 V)	≤ 19 W (12 V)	≤ 24.5 W (15 V)	≤ 37W (15 V)
Package Include	Monitor x1, DC 12V Power Adapter x1, HDMI Cable (5ft) x1, USB(Touch) Cable (5ft) x1, USB(Type-C) Cable (5ft) x1	Monitor x1, DC 12V Power Adapter x1, HDMI Cable (5ft) x1, USB(Touch) Cable (5ft) x1, USB(Type-C) Cable (5ft) x1,	Monitor x1, DC 12V Power Adapter x1, AC Power Cable x1, VGA Cable (5ft) x1, HDMI Cable (5ft) x1, AV Cable (5ft) x1, USB(Touch) Cable (5ft) x1, Mount Bracket x4, Cable Clamp x4, AV Audio Cable (5ft) x 1	Monitor x1, DC 12V Power Adapter x1, AC Power Cable x1, VGA Cable (5ft) x1, HDMI Cable (5ft) x1, AV Cable (5ft) x1, AV Audio Cable (5ft) x1, Mount Bracket x1

Marker

Adjusting the line of four direction to shape any type of safety marker. The desired aspect ratio of marker can be displayed on the screen properly when the type of marker selected from the main menu.

HDR

The HDR let the display reproduce a greater dynamic range of luminosity, allowing lighter & darker details to be displayed clearly. Effective enhancing the overall picture quality. VZ-015MCT supports HDR10-100 / HDR10-1000 / HDR10-10000 & HLG.

Color Temperature

93000K, 75000K, 65000K and built-in user mode

A hand in a red sleeve is touching a tablet screen mounted on a red machine. The screen displays a simple interface with a red header bar and a large white area. The background is a blurred industrial setting.

MCT series

PREMIUM TOUCH MONITOR

The monitor comes with a 10-point touch screen and 1000 nits high brightness screen panel. The interface supports a wide range of customization options in addition to the existing types such as HDMI, VGA & AV. The front panel of MCT series has IP65 front panel design in a great convenience for installation methods and applications.

Model Name	Professional LED 4:3 CCTV Monitors	
	VZ-17RTN	VZ-19RTN
		
DISPLAY		
Screen Size (Max. Resolution)	17" (1280 x 1024 @60Hz)	19" (1280 x 1024 @60Hz)
Pixel Pitch	0.264 mm x 0.264 mm	0.293 mm x 0.293 mm
Brightness	300cd/m ² (Typical)	230cd/m ² (Typical)
Contrast	1000 : 1	1000 : 1
Aspect Ratio	5 : 4 (16:9 Available)	5 : 4 (16:9 Available)
Viewing Angle (H/V)	170° / 150°	178° / 178°
Display Color	16.7 Million	16.7 Million
Response Time	< 5 ms	< 14 ms
INTERFACE		
CVBS (Composite) In / Out	2 / 1	2 / 1
HDMI In	1	1
VGA In (15Pin D-Sub)	1	1
Audio In / Out	1 / 1	1 / 1
GENERAL		
Outline Dimension (W x H x D)	15.06 x 12.4 x 1.78" (382.6 x 315.1 x 45.3mm)	16.77 x 16.1 x 5.4" (426.1 x 408.9 x 136.9mm)
Net Weight / Gross Weight	6.10 lbs (2.77 kg) / 7.20 lbs (3.27 kg)	6.17 lbs (2.8 kg) / 7.27 lbs (3.3 kg)
Mount	VESA 75 x 75 (M4 x L10)	VESA 75 x 75 (M4 x L10)
Built in Speaker	1.5W X 2	2.5W X 2
Auto Source / Power Recovery	Support	
Filter Type	3D Comb-filter / De-Interlace	
Electrical Ratings	DC 12V, 3A (AC 100 ~ 240V, 50/60Hz)	DC 12V, 3A (AC 100 ~ 240V, 50/60Hz)
Power Consumption	≤ 20 W	≤ 23 W
Operating Temperature	14 ~ 122°F / -10 ~ 50°C	
Operating Humidity	20 ~ 70% RH	
Regulation	FCC(A), CE, NDAA	
Transmitter - IR Remote Control	Support	
Multi-lingual Language	English, Deutsch, French, Spanish, Italian	
Compatible Mounts	Wall : VZ-WM05, VZ-WM11, VZ-AM02-A	
	Pole : VZ-SCM-S, VZ-SCM, VZ-SCM-SQ, VZ-SM01	
	Ceiling : VZ-CMKIT-01, VZ-CMKIT-02, VZ-CM308 Rack : VZ-RMK08	



RTN series

17" & 19" RTN 4:3 Professional Security Monitors

Model Name	3G-SDI LED CCTV Monitor VZ-215LED-L1
	
DISPLAY	
Screen Size (Max. Resolution)	21.5" (1920 x 1080 @60Hz)
Pixel Pitch	0.24825 mm x 0.24825 mm
Brightness	250cd/m² (Typical)
Contrast	1000 : 1
Aspect Ratio	16 : 9 (4:3 Available)
Viewing Angle (H/V)	170° / 160°
Display Color Response Time	16.7 Million < 5 ms
INTERFACE	
Component (BNC) In	3
3G-SDI In / Out (BNC)	1 / 1 (BNC, 1 input / loop-through out)
HDMI In	1
VGA In (15Pin D-Sub)	1
USB In	1
PC Stereo In / Speaker Out	1 / 1
INPUT FORMAT	
SDI - SMPTE 425M-A (YCbCr 4:2:2)	1080p (60/59.94/50)
SDI - SMPTE 274M (YCbCr 4:2:2)	1080i (60/59.94/50)
	1080p (30/29.97/25/24/23.98)
	1080Psf (30/29.97/25/24/23.98)
SDI - SMPTE 296M (YCbCr 4:2:2)	720P(60/59.94/50/30/29.97/25/24/23.98)
	525i (NTSC 59.94)
	625i (PAL 50)
SDI - SMPTE 125M (YCbCr 4:2:2)	
SDI - ITU-R BT.601 (YCbCr 4:2:2)	2048 x 1080P (24/23.98/24sF/23.98sF)
SDI - 2K Format (YCbCr 4:2:2)	-
ANALOG - COMPONENT	1080i (60/59.94/50), 720P(60/59.94/50)
ANALOG - 2K Format (YCbCr 4:2:2)	1080P (60/59.94/50/30/29.97/25/24/23.98)
HDMI	1080P/1080i/576P/576i/480P/480i
VGA	VGA, SGA, XGA, SXGA, WXGA, WUXGA
SPECIAL FEATURES	
Line Marker Option	3:2, 4:3, 1.85:1, 2.35:1, Off
Safety Area Option	Off, 80%, 85%, 88%, 90%, 93% and 95%
SDI Channel Option	Two (2) Channels out of sixteen (16) channels
RGB Gain / RGB Bias	-128 to 128 / -128 to 128
GENERAL	
Outline Dimension (W x H x D)	20.32 x 13.65 x 1.72" (516 x 346.9 x 43.6 mm)
Net Weight	8.4 lbs / 3.8 kg
Mount	VESA 100 x 100 (M4 x L10)
Built in Speaker	2W x 2
Electrical Ratings / Consumption	DC12V (AC100 ~ 240V[50/60Hz]) / ≤ 24 W
Operating Temperature	32 ~ 104°F / 0 ~ 40°C
Regulation	FCC (A), CE, RoHS
Auto Source / Power Recovery	Support
Compatible Wall Mounts	VZ-WM05, VZ-WM11, VZ-AM02-A
Compatible Pole Mounts	VZ-SCM-S, VZ-SCM, VZ-SCM-SQ
Compatible Ceiling Mounts	VZ-CMKIT-01, VZ-CMKIT-02, VZ-CM308
Compatible Rack Mounts	VZ-RMK08



LED-L1series

3G-SDI Full HD CCTV LED Monitor



CMPseries

CMP - 16:9 Professional Full HD CCTV Monitors

Model Name	Professional LED CCTV Monitors					
	VZ-19CMP	VZ-22CMP	VZ-24CMP	VZ-27CMP	VZ-32CMP	VZ-43CMP
						
DISPLAY						
Screen Size (Max. Resolution)	19.5" (1920 x 1080 @60Hz)	21.5" (1920 x 1080 @60Hz)	23.8" (1920 x 1080 @60Hz)	27" (1920 x 1080 @60Hz)	32" (1920 x 1080 @60Hz)	43" (1920 x 1080 @60Hz)
Pixel Pitch	0.213 mm x 0.213 mm	0.24795 mm x 0.24795 mm	0.2745 mm x 0.2745 mm	0.3114 mm x 0.3114 mm	0.36375 mm x 0.36375 mm	0.4902 mm x 0.4902 mm
Contrast	1000 : 1	1000 : 1	1000 : 1	1000 : 1	1200 : 1	1200 : 1
Brightness Viewing Angle (H/V)	250cd/m² (Typical) 178° / 178°					
Aspect Ratio Display Color	16 : 9 (4:3 Available) 16.7 Million					
Response Time	< 14 ms	< 14 ms			< 8 ms	
INTERFACE						
CVBS (BNC) In / Out	1 / 1	1 / 1			2 / 1	2 / 1
HDMI In / VGA In (15Pin D-Sub)	1 / 1	1 / 1			1 / 1	1 / 1
Audio In / Audio Out / USB In	1 / - / 1	1 / - / 1 (Firmware Upgrad)			1 / 1 / 1 (Media Player)	1 / 1 / 1 (Media Player)
USB MEDIA PLAYER						
External Storage / Output	-				Support USB 2.0 HOST VIDEO - HDMI(1080p) / AUDIO - L/R, HDMI	
VIDEO Play Control	-				AUTO, REPEAT, ZOOM, RESUME, TIME	
VIDEO Format	-				RM, RMVB, AVI, DVIX, MKV, MOV, HDMOV, MP4, M4V, PMP, AVC, FLV, VOB, MPG, DAT, MPEG, TS, TP, M2TS, WMV, H.264, H.263, WMV9, VC-1, MPEG1/2/4	
VIDEO Resolution	-				1080P @60/50Hz, 1080i @60/50Hz, 720P @60/50Hz	
AUDIO Format	-				MPEG1/2/4, MP3, WMA, OGG, AAC, FLAC, APE, AC-3, DTS, ATRA, WAV, PCM	
Image Format	-				JPEG, TIF, PNG, BMP	
GENERAL						
Outline Dimension (W x H x D)	17.37x13.1 x1.81" (441.4 x 332.3 x 46.0 mm)	19.32x 15.1x1.52" (490.9 x 383.1 x 38.8 mm)	21.31x16.2x1.53" (541.4 x 411.7 x 39.0 mm)	24.17x18x1.69" (541.4 x 457.26 x 43.0 mm)	28.94x17.1x2.72" (735.1 x 433.46 x 69.3 mm)	38.1x24.3x2.83" (967.9 x 616.6 x 71.9 mm)
Net Weight / Gross Weight	5.51 lbs (2.5 kg) / 7.05 lbs (3.2 kg)	4.62 lbs (2.1 kg) / 6.61 lbs (3 kg)	8.04 lbs (3.65 kg) / 9.92 lbs (4.5 kg)	8.92 lbs (4.05 kg) / 12.34 lbs (5.6 kg)	12.78 lbs (5.8 kg) / 15.43 lbs (7.0 kg)	19.26 lbs (8.9 kg) / 25.35 lbs (11.5 kg)
Mount	VESA 100 x 100 (M4 x L8 screws)	VESA 75 x 75 (M4 x L8 screws)	VESA 75 x 75 (M4 x L8 screws)	VESA 100 x 100 (M4 x L8 screws)	VESA 100 x 100 (M4 x L8 screws)	VESA 200 x 100 (4 x (M6 x L8) screws)
Built in Speaker	2W X 2	2W X 2			5W X 2	
Auto Source / Power Recovery	Support					
Filter Type / Regulation	3D Comb-filter & De-Interlace / FCC(A), CE, NDAA, RoHS					
Electrical Ratings	DC 24V, 2A (AC 100 ~ 240V, 50/60Hz)	DC 24V, 2A (AC 100 ~ 240V, 50/60Hz)			DC 24V, 2.7 A (AC 100 ~ 240V, 50/60Hz)	DC 24V, 4.2 A (AC 100 ~ 240V, 50/60Hz)
Power Consumption	≤ 27 W	≤ 22 W	≤ 24 W	≤ 30 W	≤ 50 W	≤ 65 W
Operating Temperature/Humidity	14 ~ 122°F (-10 ~ 50°C) / 20 ~ 70% RH	14 ~ 122°F (-10 ~ 50°C) / 5 ~ 90% RH			14 ~ 122°F (-10 ~ 50°C) / 20 ~ 70% RH	
Transmitter - IR Remote Control	Support					
Multi-lingual Language	English, Deutsch, French, Spanish, Italian					
Compatible Wall / Pole Mounts	Wall: VZ-WM05, VZ-WM11, VZ-AM02-A Pole: VZ-SCM-S, VZ-SCM, VZ-SCM-SQ, VZ-SM01				VZ-AM02-A, VZ-WM50	
Compatible Ceiling Mounts	VZ-CMKIT-01, VZ-CMKIT-02, VZ-CM308					



FEATURES & HIGHLIGHTS

• Sharper Video

UHD series monitors support 1.07G colors (8 bit + FRC) along with QFHD (Quad Full HD) 24/30Hz & QFHD 50/60Hz for sharp & vivid video quality.

• IPS Panel for Wide Viewing Angle

UHD series monitors feature IPS panels, resulting in exceptionally wide horizontal and vertical viewing angles.

• Built-In Media Player

Built-in media player supports SD card and USB for digital advertising.

• Digital Signage

UHD monitors also make great digital signage solution with its multi-view capability.

• 1080p Quad and 4K Single View Monitor in One

4K (3840 x 2160) resolution in single view mode
1080p (1920 x 1080) resolution in PIP, dual & quad modes (1080p each)

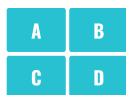


SECURITY-CENTRIC PROFESSIONAL 4K DISPLAYS

UHD series provides a perfect solution for smaller scale security video wall in applications with limited wall & desktop space.

4K⁶⁰ UHD series

4K Security & Signage Monitors



QUAD VIEW



PORTRAIT &
LANDSCAPE



Model Name	4K UHD LED CCTV Monitors		
	VZ-49UHD	VZ-55UHD	VZ-65UHD
DISPLAY			
Screen Size (Max. Resolution)	49" (3840 x 2160 @60Hz)	55" (3840 x 2160 @60Hz)	65" (3840 x 2160 @60Hz)
Pixel Pitch	0.27963 mm x 0.27963 mm	0.315 mm x 0.315 mm	0.372 mm x 0.372 mm
Brightness / Response Time	350 cd/m ² (Typical) / < 9 ms	350 cd/m ² (Typical) / < 9 ms	350 cd/m ² (Typical) / < 8 ms
Contrast	1200:1	1300:1	1100:1
Aspect Ratio	16 : 9 (1.78 : 1)	16 : 9 (1.78 : 1)	16 : 9 (1.78 : 1)
Viewing Angle (H/V)	178° / 178°	178° / 178°	178° / 178°
Display Color	1.07 G	1.07 G	1.07 G
Bezel (ACTIVE to ACTIVE)	0.72" / 18.6 mm	0.88" / 22.7 mm	0.92" / 23.6 mm
Top & Left Bottom & Right	0.37" (9.5 mm) 0.35" (9.1 mm)	0.44" (11.4 mm) 0.44" (11.3 mm)	0.46" (11.8 mm) 0.46" (11.8 mm)
INTERFACE			
HDMI 2.0 / HDMI 1.4 In	1 / 1		
DP In / Out	2 / 1		
USB In / SD Card In	2 (1 - Media Player, 1 - OPS) / 1 (Media Player)		
RS-232 (RJ-45) In / Out	1 / 1		
Audio Out / OPS In (Option)	1 / 1 (USB Type C In x1, USB 2.0 Type A In x2, USB 3.0 Type A x2, Ethernet (RJ-45) In x1, HDMI Out x1, Mic. In x1, Audio Out x1)		
REFRESH RATE			
HDMI 2.0 In / HDMI 1.4 In	3840 x 2160 @ 60 Hz / 3840 x 2160 @ 30 Hz		
DP 1.2 In	3840 x 2160 @ 60 Hz		
USB MEDIA PLAYER			
Video Codec	WMA/WMV, AAC, AC3, DIVX, MPEG, H264, VC1, AVS, FLV, RM/RMVB		
Video Format	AVI, MXF, MP4, FLV, MKV, ASF, DAT, RM, RMVB, AMV, F4V, M4V, H.265, VOB, ISO, M2TS, 3GP, 3G2, M2V, MOV, MPG, WMV, MTV, OGV, TS, WEBM, DV, SWF		
Image Format / Music Format	JPEG, JPG, BMP, GIF / MP3, FLAC, APE, WAV, WMA, DTS, AAC, M4R, MKA, MP2, AMR, WV, M4A, AC3, AU, AIFF, M4B		
Text Format / Capacity	TXT (raw text file only) / Max 16GB		
GENERAL			
Outline Dimension (W x H x D)	43.1 x 24.62 x 2" / 1094.2 x 625.4 x 51.7 mm	48.57 x 27.74 x 2" / 1233.8 x 704.6 x 51.7 mm	57.3 x 32.7 x 2.13" / 1455.5 x 830.5 x 54.3 mm
Net Weight / Gross Weight	36.15 lbs (16.4 kg) / 52.91 lbs (24 kg)	47.39 lbs (21.5 kg) / 66.13 lbs (30 kg)	73.85 lbs (33.5 kg) / 95.01 lbs (43.1 kg)
Mount	Universal 400 x 400 (M6)	Universal 400 x 400 (M6)	Universal 400 x 400 (M6)
Built in Speaker	5W x 2	5W x 2	5W x 2
Electrical Ratings / Consumption	AC100 ~ 240V(50/60Hz) / ≤ 160 W	AC100 ~ 240V(50/60Hz) / ≤ 170 W	AC100 ~ 240V(50/60Hz) / ≤ 240 W
Operating/Storage Temperature	32 ~ 104°F (0°C ~ 40°C) / 50 ~ 140°F (10°C ~ 60°C)		
Operating/Storage Humidity	20 ~ 85% RH / 10 ~ 90% RH		
Regulation	CE, FCC (A), NDAA, RoHS		
Quad View / Landscape & Portrait	Support / Support		
Transmitter - IR Remote Control	Support		
Auto Source / Power Recovery	Support		
Built-In Media Player	Support		
Compatible Mounts	Wall : VZ-AM03, VZ-WM71, VZ-XMS Ceiling : VZ-CMKIT-04		
Accessories	Stand (1set), Manual (1pc), Power Cable (1pc), Remote Control (1pc)		



4K⁶⁰ IBX-T series

INTERACTIVE 4K Monitors

20 Point Multi Touch

IBX-T monitors provide ultra touch sensitivity to allow for smooth and latency-free touch and stylus-based writing operations

Android OS

IBX-T monitors run on Android OS and allows any Android supported apps to be installed and used via Play Store.

True Digital Whiteboard

IBX-T monitors is a true digital white boarding solution that supports stylus or hand writing and comes with an advanced writing app.

Conference System (Built-in Camera, Mic)

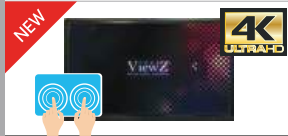
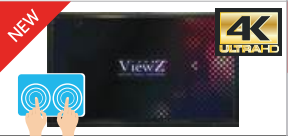
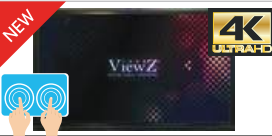
IBX-T monitors support Zoom meeting, Microsoft Teams and other conference apps using by built-in camera and mic.

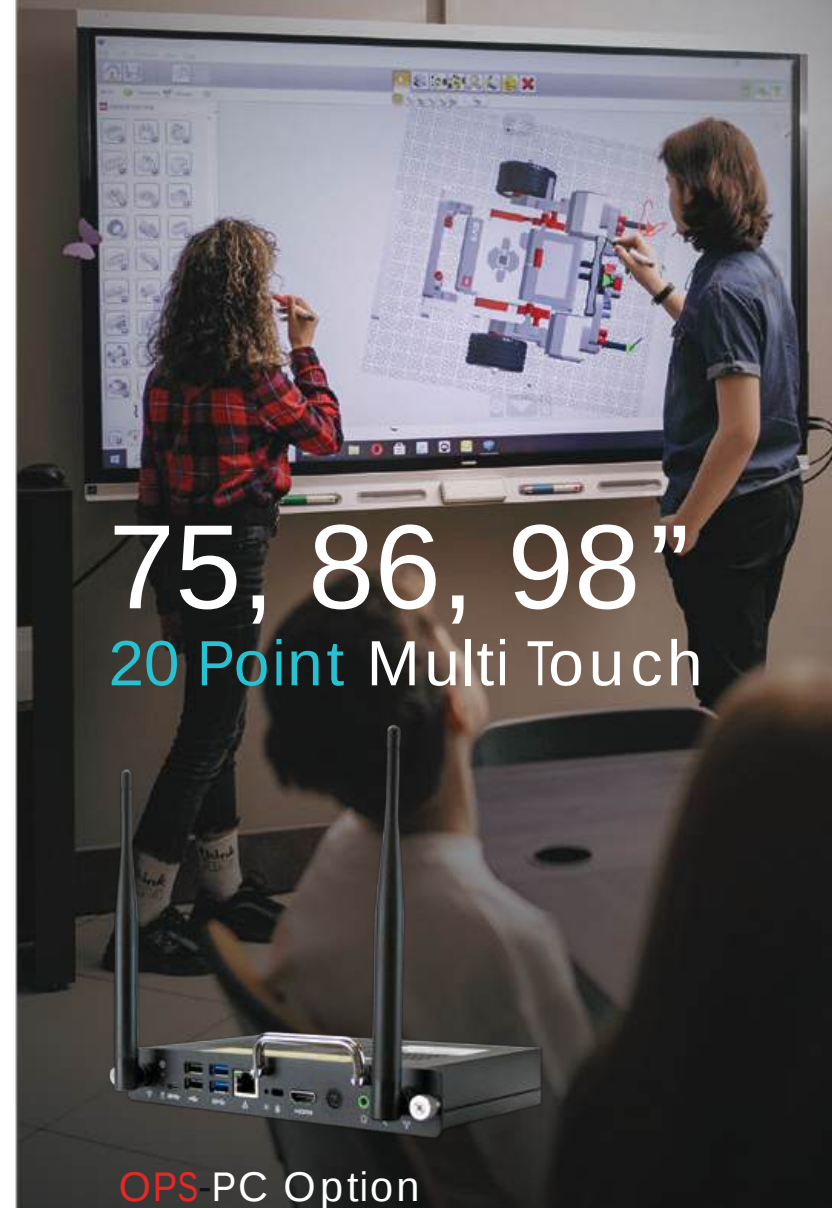
Commercial Grade Panel

As with all ViewZ professional display products, IBX-T monitors feature commercial grade panels to ensure maximum product longevity and around the clock operation and usage.

Content Sharing

IBX-T monitors allow for easy content sharing from a PC or Apple computer. By connecting the PC or Apple computer via hardwire connection using HDMI and USB cables, you can display and control contents on those devices with touch operation.

Model Name	Interactive 4K Monitor		
	VZ-75IBX-T	VZ-86IBX-T	VZ-98IBX-T
			
DISPLAY			
Screen Size (Max. Resolution)	75" (3840 x 2160 @60Hz)	85.6" (3840 x 2160 @60Hz)	97.52" (3840 x 2160 @60Hz)
Pixel Pitch	0.4296 mm x 0.4296 mm	0.4935 mm x 0.4935 mm	0.5622 mm x 0.5622 mm
Brightness / Contrast	350cd/m² (Typical) / 1200 : 1	350cd/m² (Typical) / 1200 : 1	450cd/m² (Typical) / 1200 : 1
Aspect Ratio / Response Time	16 : 9 (1.78 : 1) / < 8 ms	16 : 9 (1.78 : 1) / < 8 ms	16 : 9 (1.78 : 1) / < 8 ms
Viewing Angle(H/V) Display Color	178° / 178° 1.07 G		
Refresh Rate	HDMI (2.0) In - 3840 x 2160 @ 60Hz DP In - 3840 x 2160 @ 60Hz VGA In - 1920 x 1080 @ 60Hz		
INTERFACE			
HDMI (2.0) In / Out	3 / 1	3 / 1	3 / 1
DP In / VGA In (15Pin D-Sub)	1 / 1	1 / 1	1 / 1
RJ45 In / RS232 (DB 9) In	2 / 1	2 / 1	2 / 1
Touch (USB 2.0, Type B)	1	1	1
USB Type-C In	2	2	2
USB 3.0 / USB 2.0 (Type-A) In	4 / 1	4 / 1	4 / 1
USB 2.0 (Type-B) In	1	1	1
PC Audio In / Earphone (Line Out)	1 / 1	1 / 1	1 / 1
CAMERA & MIC			
Camera/Image Sensor/Focal Lens/Mic	1 (2MP) / 1/3" / 2.1 mm / 6-Groups		
GENERAL			
Outline Dimension (W x H x D)	67.2x39.87x3.62" (1707.2 x 1012.7 x 92mm)	76.9x45.3x3.62" (1953.36 x 1151.3 x 92mm)	88.4x52.8x4.25" (2244.9x1340.4x108.2mm)
Net Weight / Gross Weight	114.64 lbs (52.0 kg) / 145.5 lbs (66.0 kg)	147.7 lbs (67 kg) / 180.78 lbs (82 kg)	304.24 lbs (138 kg) / 421.08 lbs (191 kg)
Mount / Built in Speaker	Universal 600 x 400 mm (M8) / 12W X 2	Universal 800 x 400 mm (M8) / 12W X 2	Universal 800 x 600 mm (M8) / 15W X 2
Touch	Sensor Type (Infrared Touch Frame), Surface Protection (4mm - tempered Mohs level 7), Glass Transmittance (> 88%), Touch Depth (3±0.5mm), Touch Accuracy (≤ 1 mm), Input Mode (Opaque object (Finger, Pen etc)), Theoretical Hit (Same position > 60 m times), Supply Voltage(DC 5.0±5%), Light Resistance (Incandescent lamp (220V, 100W))		
Electrical Ratings	AC 100 ~ 240V, 50/60Hz		
Power Consumption	≤ 350 W / ≤ 0.5 W (Standby)	≤ 400 W / ≤ 0.5 W (Standby)	≤ 500 W / ≤ 0.5 W (Standby)
Operating Temperature/Humidity	32 ~ 104°F (0 ~ 40 °C) / 10 ~ 90% RH	32 ~ 104°F (0 ~ 40 °C) / 10 ~ 90% RH	32 ~ 104°F (0 ~ 40 °C) / 10 ~ 90% RH
Regulation	FCC(A), CE, NDA, RoHS	FCC(A), CE, NDA, RoHS	FCC(A), CE, NDA, RoHS
Transmitter - IR Remote Control	Support		
Media Player	Video Codec (MPEG1/2, MPEG4, DivX 3.11/4.12/5.x/5, XviD, H.263, H.264, MVC, AVS, WMV3, VC1, Motion JPEG, VP8/9, RV30/40) Video Format (MPEG, AVI, MOV, MP4, MKV, RM, 3GP, FLV, WebM, ASP), Image Format (JPEG, PNG, BMP), Audio Format (mp3, mp4, wma)		
Android Board Spec	Android OS (Ver 11.0), CPU (A55, 4-Core, 1.9 GHz), GPU (G52x2), RAM (4GB DDR4), Storage (32GB eMMC), Chip (Amlogic), WiFi (2.4G/5G)		
Accessories	Manual x1, Power Cable x1, Touch Pen x1, Remote Controller x1, Wall Mount x1, Mobile Stand (Option)		
OPS-PC (Option)	Intel® Core™ i7-8750H - 4 Core & 8 Threads 2.2 G Hz, 8GB DDR4 RAM 2400 / 2666M Hz, 128GB (Up to 512GB) SSD storage, WiFi 2.4GHz/5GHz, Window 11, Interface - HDMI Out, DP Out, USB (2.0 x2/3.0 x4/Type-C x1), RJ-45 (Ethernet) In, Mic In, Line Out, Power 60W (12V - 19V, 4A)		



75, 86, 98"
20 Point Multi Touch

OPS-PC Option



CCTV VIDEO WALL CONTROLLER

Powerful & Highly Configurable Video Wall Controllers with Maximum Reliability

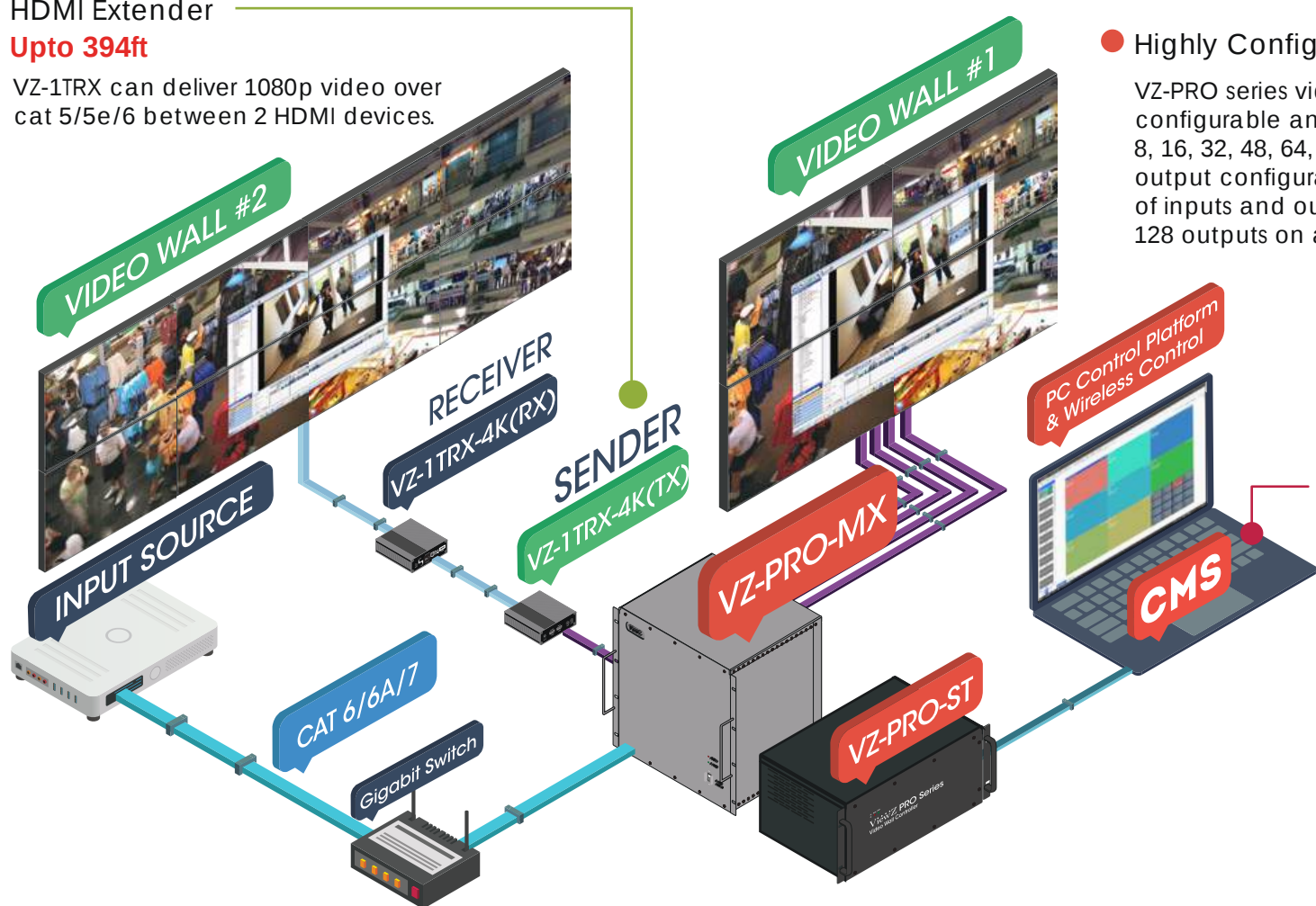
VIDEO WALL STRUCTURE

ViewZ PRO series CCTV video wall controllers are built to deliver maximum performance, reliability and user-friendliness. PRO series controllers can be controlled remotely from a central location via controller software that also has the ability for multi system/site management.

HDMI Extender

Upto 394ft

VZ-1TRX can deliver 1080p video over cat 5/5e/6 between 2 HDMI devices.

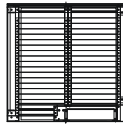
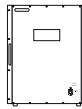


● Highly Configurable **Inputs & Outputs**

VZ-PRO series video wall controller are highly configurable and can be built with standard 4, 6, 8, 16, 32, 48, 64, 128 input & 4, 8, 16, 32, 48, 64, 128 output configurations as well as staggered number of inputs and outputs with up to 128 Inputs and 128 outputs on a single server.

Controller Software **License-Free**

VZ-PRO series' controller software is a powerful and user-friendly software that comes bundled with PRO series servers. It's also license-free, which means there are no recurring renewal fees that typically increase the cost of ownership. The software offers several key crucial video wall features including scaling, creating & saving templates and scheduling.

Model Name	Full HD CCTV Videowall Controller				Model Name	4K CCTV Videowall Controller			
	VZ-PRO-ST					VZ-PRO-MX			
	4 RU	7.5 RU	10 RU	15 RU		8 RU	12 RU	18 RU	24 RU
									
SPECIFICATION					SPECIFICATION				
Frame Number	VZ-ST4U-C1	VZ-ST7U-C2	VZ-ST10U	VZ-ST15U-C2	Frame Number	1	1	1	1
Total Card Support	12	25	36	56	Total Card Support	20	40	60	80
Max Input Card	4	10	27	36	Max Input Card	18	38	38	76
Max Output Card	8	15	18	36	Max Output Card	10	20	20	40
MAX RESOLUTION					MAX RESOLUTION				
Max Resolution	1920 x 1080 @60Hz				Max Resolution	3840 x 2160 @30Hz			
Max Bit Rate	3.2Gbps per channel				Max Bit Rate	25 Gbps per signal			
Support Layers	Up to 4 layers per output card				Support Layers	Up to 4 layers for 4K (8 Layers for 2K) per output card			
Max Preset / Group	32 per group / 4				Max Preset / Group	32 per group / 4			
Background Picture & Subtitle	Option				INTERFACE				
INTERFACE					HDMI 4K Input Card (VZ-H4KM-IN1)	HDMI 2.0 - 1 Input I Up to 3840x2160/60p			
HDMI HD Input Card (VZ-H2K-IN4-60)	HDMI 1.3 - 4 inputs I Up to 1920x1080/60				HDMI 4K Input Card (VZ-H4KM-IN2)	HDMI 1.4 - 2 Inputs I Up to 3840x2160/30p			
HDMI 4K Input Card (VZ-H4K-IN1-30)	HDMI 1.4 - 1 input I Up to 3840x2160/30				HDMI HD Input Card (VZ-H2KM-IN4)	HDMI 1.3 - 4 Inputs I Up to 1920x1080/60p			
DVI HD Input Card (VZ-D2K-IN4-60)	DVI-D - 4 inputs I Up to 1920x1080/60				DVI HD Input Card (VZ-D2KM-IN4)	DVI - 4 Inputs I Up to 1920x1080/60p			
IP Decoder Card (VZ-IP-IN1)	RJ45 x 1 H.264/H.265 4ch-4K/16ch-1080p/32ch-720p				SDI Input Card (VZ-S2KM-IN4)	SDI - 2 Inputs I Up to 1920x1080/60p			
SDI Input Card (VZ-S2K-IN4-60)	3G-SDI - 4 inputs I Up to 1920x1080/60 & 1280x720/60				BNC Input Card (VZ-B1KM-IN8)	BNC - 8 Inputs I CVBS			
HDMI HD Output Card (VZ-H2K-OUT2-60)	HDMI 1.3 - 2 outputs I Up to 1920x1080/60				IP Decoder Card (VZ-IPM-IN2)	IP - 1 Input I H.265 IP Decoder - Decode up to 4 (4K) or 16 (1080p)			
DVI HD Output Card (VZ-D2K-OUT2-60)	DVI-I - 2 outputs I Up to 1920x1080/60				HDMI 4K Output Card (VZ-H4KM-OUT1)	HDMI 2.0 - 1 Output I Up to 3840x2160/60p			
Preview Output Card (VZ-Preview)	Visual Echo Function/Preview Function				HDMI 4K Output Card (VZ-H4KM-OUT2)	HDMI 1.4 - 2 Outputs I Up to 3840x2160/30p			
Web IP (RJ-45) In / Ethernet (RJ-45) In	1 (Remote Control) / 1				HDMI HD Output Card (VZ-H2KM-OUT4)	HDMI 1.3 - 4 Outputs I Up to 1920x1080/60p			
RS 232 In / RS232 (RJ-45) Out	1 (Serial Control/IR Receiver) / 1 (Feature Use)				DVI Output Card (VZ-D2KM-OUT4)	DVI - 4 Outputs I Up to 1920x1080/60p			
REMOTE CONTROL					HDBase-T Output Card (VZ-HDBT-OUT4)	HDBase-T - 4 Outputs I Up to 1920x1080/60p			
Serial Control (RS232C) Network	Yes (RJ45) / TCP/IP (RJ45)				Ethernet 10/100 (RJ45)	1 (Remote Control)			
Remote Control Software (TCP/IP)	DIMP Client Software (Compatible with Windows XP/7/8/10)				RS232 In / Out	1 (Serial Control/IR Receiver) / 1			
GENERAL					USB	For Firmware Update			
Outline Dimension (W x H x D)	19x7x12" (483x178x305 mm)	19x12.8x12" (483x325x305mm)	19x17.3x15.9" (483x440x405mm)	19x26.3x15.9" (483x668x404mm)	REMOTE CONTROL				
Net Weight	44 lbs / 20 Kg	66 lbs / 30 Kg	77 lbs / 35 Kg	110 lbs / 50 Kg	Serial Control (RS232C) Network	Yes (DB9 Connector) / TCP/IP (RJ45)			
Electrical Ratings	AC100~240V [50/60Hz]				Remote Control Software (TCP/IP)	Multiview Controller Software (Compatible with Windows XP/7/8/10)			
Power Consumption	≤ 200 W	≤ 300 W	≤ 500 W	≤ 600 W	GENERAL				
Operating Temperature/Humidity	32 ~ 122°F (0 ~ 50°C) / 5 ~ 95% RH				Outline Dimension (W x H x D)	19x14x11.9" (483x353x301mm)	19x21x11.9" (483x532x301mm)	19x32x11.9" (483x814x301mm)	19x45x16" (483x1154x406 mm)
Redundant Power Supply/Cooling Fan	Built-in				Net Weight	39.6 lbs / 18kg	44 lbs / 20kg	55 lbs / 25kg	88 lbs / 40kg
OPTION					Electrical Ratings	AC100~240V [50/60Hz]			
HDMI Cable Extention Unit (VZ-1TRX-4K)	4K Support up to 230 ft (70m) / Requires DC5V power				Power Consumption	≤ 450W	≤ 800 W	≤ 1000 W	≤ 2000 W
IR Remote Controller	Support				Operating Temperature/Humidity	22°F ~ 122°F (-5 ~ 50°C) / 5 ~ 95% RH Non-Condensing			
					Redundant Power Supply	Built-in			
					Cooling Fan	Built-in			
					HDMI Cable Extention Unit (VZ-1TRX-4K)	OPTION - 4K Support up to 230 ft (70m) / Requires DC5V power			

PRO series

Powerful and Highly Configurable CCTV Video Wall Processors



IP BASED VIDEO WALL CONTROLLER

Model Name	VZ-PRO-IP4x12
	1 RU
	
SPECIFICATION	
Decoding Capability	4ch x 8K @60Hz, 32ch x 12MP @20Hz, 32ch x 4K @30Hz, 128ch x 1080P @30Hz, 256ch x 720P @30Hz, 432ch x D1 @30Hz
Decoding Format	H.265, H.264, MPEG4
Split Screen / Windows	36 / 36 (Number of Output Channels)
INPUT	
Input Channel	4ch HDMI (Video Only)
Resolution	3840x2160 @60/30Hz, 1900x1200 @60Hz (WUXGA), 1900x1080 (1080p) @60Hz, 1600x1200 (UXGA) @60Hz, 1440x900(WXGA+) @60Hz, 1280x1024(SXGA) @60Hz, 1280x720(720P) @60Hz, 1024x768(XGA) @60Hz
OUTPUT	
Input Channel	12ch HDMI (Video Only)
Resolution	3840x2160 @60/30Hz, 1900x1200 @60Hz (WUXGA), 1900x1080 (1080p) @60Hz, 1600x1200 (UXGA) @60Hz, 1440x900(WXGA+) @60Hz, 1280x1024(SXGA) @60Hz, 1280x720(720P) @60Hz, 1024x768(XGA) @60Hz
INTERFACE	
HDMI In / Out	4 / 12
Audio In / Out	1 / 1 (3.5 mm)
Audio Signal In / Out	1 / 1 (Green Terminal)
Alarm Signal In / Out	4 / 4 (Green Terminal)
Ethernet 10/100/1000 In	2 (RJ-45, Half Duplex & Full Duplex)
RS 232/485 (RJ-45)	1
RS 232 (RJ-45) / USB (3.0)	1 / 2
GENERAL	
Outline Dimension (W x H x D)	17.32 x 1.89 x 13.64" / 440 x 48 x 343.9 mm
Net Weight	8.3 lbs / 3.773 kg
Electrical Ratings	AC100~240V [50/60Hz]
Power Consumption	≤ 46.63 W
Operating Temperature	14 ~ 131°F / -10 ~ 55°C
Operating Humidity	10 % ~ 90 % RH (NoN-condensing)
Regulation	Built-in
Accessories	Power Cable x1, Manual x1

VZ-PRO-IP

IP Decoded Powerful & Highly Configurable System

Decoding Capability

Upto 4K @ 60Hz output resolution,
compatible with mainstream

VZ-PRO-IP4x12 - Decoding upto 128ch x1080p @30Hz,
256ch x 720p @30Hz, 432ch x D1 @30Hz,
32ch x 12MP @20Hz, 32ch x 4K @30Hz, 4ch x 8K @60Hz

Content Management Software (CMS)

License-Free

VZ-PRO-IP series CMS (Content Management Software) is a powerful and user-friendly software that comes as standard. It comes with a Designer Programming Software and a Client Software offers several key crucial video wall features including scaling, creating & saving templates etc.

Upto 36 windows per each output channel

Controllers can be cascaded to extend to more HDMI outputs upto 10 devices



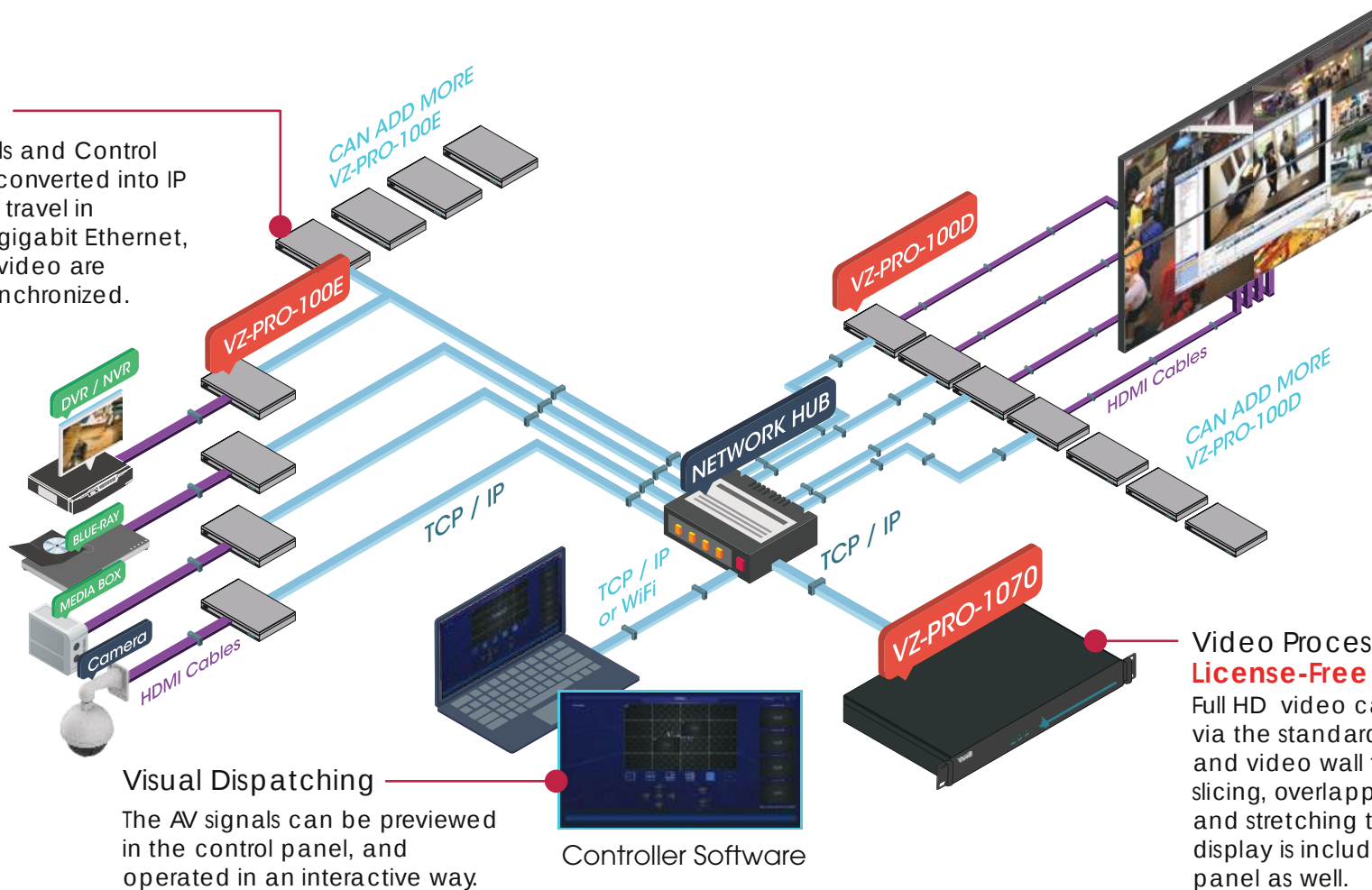
Powerful & Highly Configurable Video Wall Controllers with Maximum Reliability

IP-BASED VIDEO WALL STRUCTURE

VZ-PRO-IPST Series is a revolutionary AV over IP system that ViewZ invented for the Emergency Command centers, Control Rooms and Convention centers where numerous AV signals are converged. VZ-PRO-IPST Series employs the communication technologies to reform the traditional AV system from complex, and isolated to a converged, concise and flexible one. This categories the typical AV system into AV processing, Transmission, Control, Managed and Storage. Based on existing Ethernet infrastructure, all job could be done easily.

AV over IP

All AV signals and Control signals are converted into IP stream and travel in standard 1 gigabit Ethernet, audio and video are perfectly synchronized.



VZ-PRO-IPST series

IP-Based Powerful and Highly Configurable System



Highly Configurable

The VZ-PRO-IPST Series is a totally IP based AV system. It consists of System server (VZ-PRO-1070), Encoders (VZ-PRO-100E) and Decoders (VZ-PRO-100D). This system offers Multi-Viewer, Wall Controller and Matrix Switcher functions. Along with standard 1 gigabit network and control software, a networked AV system is built, which can convert AV signals into IP stream, distribute in the LAN, and decode the IP stream back to AV signals anywhere the LAN can reach, then present on the display.

VZ-PRO-1070

is the server of VZ-PRO-IPST Series, managing and coordinating all the distributive devices in the system. VZ-PRO-1070 enables the video source to be accessed in the LAN, distributed in the LAN, previewed in the control panel or on the webpage and presented on the video wall with the features of slicing, overlapping, windowing, and stretching the image across all the displays.

VZ-PRO-100E

is a high definition encoder, as a distributive node of the VZ-PRO-IPST system, this converts the audio and video into IP stream, transmitted and distributed in the LAN.

VZ-PRO-100D

is a high definition decoder, as a distributive node of the VZ-PRO-IPST system, this converts the IP video stream into HDMI signal, distributed and presented on the display.



Content Management Software (CMS)

License-Free

VZ-PRO-IPST series' CMS (Content Management Software) is a powerful and user-friendly software that comes as standard. It comes with a Designer Programming Software and a Client Software offers several key crucial video wall features including scaling, creating & saving templates etc.

Model Name	IP Based Audio/Video Wall Controller	
	VZ-PRO-100E	VZ-PRO-100D
	Encoder	Decoder
		
SPECIFICATION		
Max Resolution	1920 x 1080 @60Hz	
Video Decoding Format	H.264	
INTERFACE		
Ethernet (RJ-45/PoE) In	1	
HDMI In / Out (Splitter)	2 / -	- / 2
Audio In / Out (MIC)	1 / -	- / 1
USB (KVM)	2	
RS232 (Green Terminal)	1 (Control Port)	
IR OUT (Green Terminal)	1 (Control Port)	
Debug (Green Terminal)	1 (Control Port)	
GENERAL		
Outline Dimension (W x H x D)	8.625 x 7.5 x 1.73" / 219.075 x 190.5 x 44 mm	
Net Weight	3.1 lbs / 1.4 kg	
Power Input / P.o.E.	DC12V, 3A / Support	

Model Name	IP Based Audio/Video Wall Controller	
	VZ-PRO-1070	
	Server	
		
SPECIFICATION		
System Capacity	Upto 200 pcs encoders / decoders	
Video Slicing	Upto 48 separate video	
LED Sync.	LED sender box frame synchroization	
INTERFACE		
Ethernet (RJ-45) In	2	
Ethernet (RJ-45/PoE) In	1	
USB	2	
INTERFACE		
Remote Control Software for TCP/IP	Upto 8 Users	
Remote Control Software for WiFi	Upto 4 Users	
GENERAL		
Outline Dimension (W x H x D)	17.1875 x 11 x 1.73" / 436.56 x 279.4 x 44 mm	
Net / Gross Weight	5.02 lbs (2.28 kg) / 7.31 lbs (3.32 kg)	
Power Input / P.o.E.	DC12V, 3A / Support	

Cost Effective Solution

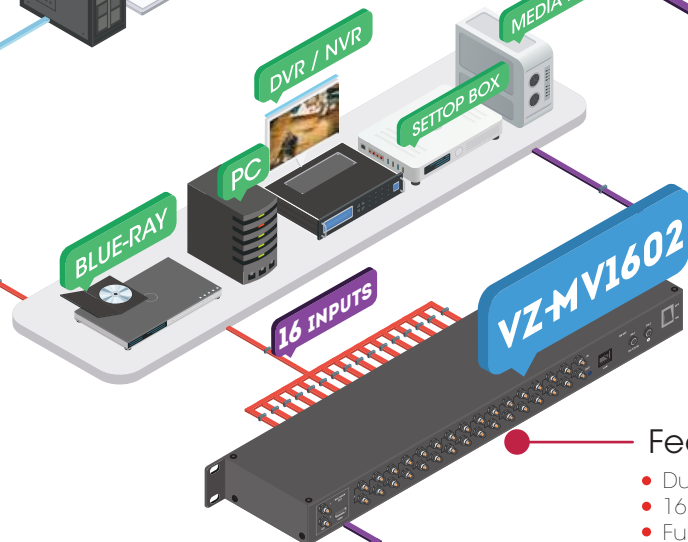
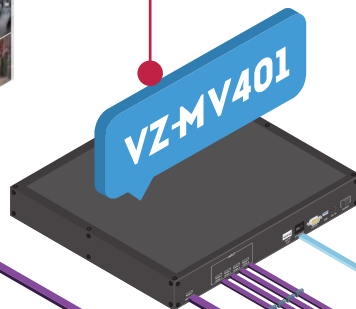
MULTIVIEWER

Features

- 8 Inputs and 2 Outputs
- HDCP Compliance
- Automatic Input Aspect Ratio Detection
- Built-in Video, Audio Alarm Detections
- Built-in Tally and Up to 16ch Audio Level Meters
- Redundant Power Supply
- 1RU Rack Mountable

Features

- 4 Inputs and 1 Output
- HDCP Compliance
- Rotation (R90 and L90°) when Input Resolution up to 1080p or Flip Output in Full Screen Layout.
- Support 4K (4096 x 2160@60Hz), 4:4:4 Color Sampling
- 1RU Rack Mountable



Features

- Dual Modes : 16ch Multi-viewer and 16x16 Matrix Switcher
- 16 x SD/HD/3G-SDI Auto-detected Inputs
- Full Screen and 20 Preset-Multi-viewer Layouts with Clock Display
- Time Code, UMD, Signal Status & Audio Meter Overlay
- Free PC Control S/W via Network
- 16CH SDI Loop-through
- 1 RU / Rack-Mountable



VZ-UNBS 2 X 2
DAISY CHAIN
UHD DISPLAY

VZ-UNBS 2 X 2
DAISY CHAIN
UHD DISPLAY

Model Name	4K/ Full HD Multi Viewer		
	VZ-MV401	VZ-MV802	VZ-MV1602
	4 by 1	8 by 2	16 by 3
			
SPECIFICATION			
HDMI® signals / HDCP	1.4 / 2.2	1.4 / 2.2	1.4 / 2.2
Max. Video Output Resolution	4096 x 2160@60Hz, 4:4:4 Color Sampling	2048 x 1080 @60hz	1920 x 1080 @60hz
Input&Output Resolution/Scaling	Up to 4K@60Hz, 4:4:4 Color Sampling	Up to 1080p, 1080i	Up to 1080p, 1080psf, 1080i, 720p, 625i
Custom Layout	14 Layout (6 Preset & 8 Custom)	Unlimited (24 User-Defined Preset & Custom)	20 Preset-Multiview Layouts with Clock Display
Rotation / Flip / PIP & POP	Support	-	-
On Screen Display	-	Skin Technology for Customizing Borders, Labels (4 per window), Fonts, Tally LEDs, Logos, Clock faces, UMD, OMD, IMD, Dynamic UMD	Time code, UMD, Signal Status, Audio Meter Overlay
Alarms	-	No audio, Audio High/Low, no Video, Video Black, Video Frozen	-
Discrete AES / Analog Audio	-	Upto 4ch/video input (2 pairs, balanced/unbalanced)	-
Control	Front Panel Buttons for Quick Preset Recalls, IP Connection	Front Panel Buttons for Quick Preset Recalls, GPIs, VZ commander	Front Panel Buttons for Quick Preset Recalls, Knob control with LCD display
INTERFACE			
HDMI Input / DVI Input	4 / -	- / 8	-
HDMI Output	1	2	1 (Multiview)
SDI In / Out	-	8 (option) / -	16 / 16
Discrete AES Audio Output (BNC)	-	1 (Line Level AES Audio Monitor)	-
Discrete Analog Audio Output	-	1	-
Discrete Audio Output (SCSI)	-	2 (Discrete Audio and GPI/O)	-
LTC (BNC) / SDI Out	-	1 (Sync on Screen Clocks) / -	- / 1 (Multiview)
Serial Port / Audio R&L	1 (RS-232 type) / 1	1 (RJ-45 Type) / -	1 (RS-422 Type, SW Control) / -
General Purpose IO (RJ50)	-	1 (Control, Alarm and Tally)	-
Network (RJ-45) / USB 2.0	1 (10/100/1000 Base-T) / 1 (Firmware)	1 (10/100/1000 Base-T) / -	1 (SW Control & Update) / -
GENERAL			
Outline Dimension (W x H x D)	17.33 x 9.05 x 1.77" (440.4 x 230 x 45 mm)	18 x 13 x 1.75" (457.2 x 330.2 x 44.5 mm)	17.45 x 5.27 x 1.73" (443.3 x 134 x 44 mm)
Net Weight	5.99 lbs / 2.72 Kg	6.17 lbs / 2.8 kg	4.4 lbs / 2 kg
Rack Height	1 RU	1 RU	1 RU
Electrical Ratings / Consumption	DC 12V/2A, locking barrel connector / ≤ 15W	DC 12V/2A / AC 90 ~ 250 V (50/60Hz) / ≤ 15W	DC 12 ~ 24V/5A / 36 W
Operating/Storage Temperature	32 ~ 113°F (0~45°C) / -4 ~ 140°F (-20~60°C)	32 ~ 104°F (0~40°C) / -4 ~ 140°F (-20~60°C)	32 ~ 140°F (0~60°C) / -22 ~ 158°F (-30~60°C)
Operating/Storage Humidity	20 ~ 90% RH	20 ~ 80 % RH / 10 ~ 90 % RH	0 ~ 90 % RH
EMI/RFI	FCC Part 15 Class A, CE	FCC Part 15 Class A, CE, EU EMC, C-tick	FCC Part 15 Class A, CE
LED Indicator Color	Input, Layout, Input Swap, Lock - Blue Standby On - Red, Standby Off - Green	Input - Green, Standby On - Red	Input - Green, Standby On - Red
Accessories	Rack Mount Ear x1, DC Adapter x1, Power Cable x1, Manual x1	VGA to DVI Adapter x8, Rack Mount Ear x1, RJ-50 to DB9 GPI I/O Cable x1, Power Cable x1, RJ-50 to DVI Adapter x2, RJ-50 to HDMI x1, SCSI-DB9 GPI/Audio Cable x2, RJ45 to DB9 RS232 Cable x1, CD (SW&Manual)	16ch Multiviewer x 1, Manual x 1, DC 12V 5A Power Adapter x 2

MULTIVIEWER

MV series

Cost Effective Solution

Custom Screen Layout Presets & User-defined layout

VZ-MV401 - Supports 14 screen layouts 6 presets and 8 user-defined layouts

VZ-MV802 - Supports 24 presets and unlimited user-defined layouts. VZ-MV802 Supports user design customization such as screen border colors and font sizes

VZ-MV1602 - Supports 20 screen layout presets

Cost Effective Solution

Inputs & Outputs

VZ-MV401 - Multi-Viewer is highly configurable and is built with a standard 4 inputs / 1 output

VZ-MV802 - Multi-Viewer offers 8 inputs / 2 outputs and unlimited user-defined layouts

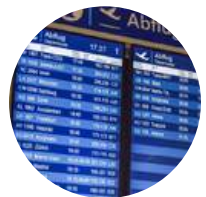
VZ-MV1602 - Multi-Viewer is highly configurable and is built with a standard 16 inputs / 3 output

* A Perfect Solution when matched with VIEWZ UNBS Video Wall Monitors (VZ-49UNBS & VZ-55UNBS).

High Performance

In Mission-Critical Installations

VIEWZ Multi-Viewers are made to run 24/7/365 and built with precision high quality components. VZ-MV802 also features dual power supplies and comes with features such as on-screen graphical elements, automatic input info detection, built-in video & audio alarm detection and programmable front panel buttons.



1.2 nearly Seamless Bezel

UNBS series monitors are built with 1.2 mm (49 & 55") ultra seamless bezel for an upgraded video wall solution and features ultra slim 3.5 mm (49 & 55") bezel-to-bezel dimension.

Landscape / Portrait Viewing Mode

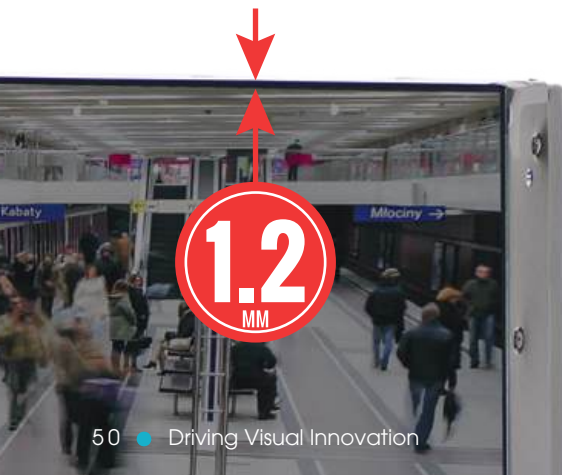
UNBS/UHD series supports both portrait and landscape mounting. Moreover, contents can be displayed in 3 different viewing angles: 90°, 180° and 270° with multiple window layout options for maximum flexibility.

Daisy Chain

Daisy-chaining allows one output to run from input sources to the monitor. The monitor then effectively relays or extends the input signal to the adjacent monitor, or to upto 15 monitors.

Multi Window Display Mode

UNBS series supports PBP, PIP, Triple or Quad view



Model Name	ULTRA Narrow Bezel LED Video Wall Monitors		4K UHD / Quad View LED Video Wall Monitors	
	VZ-49UNBS	VZ-55UNBS	VZ-49UHD	VZ-55UHD
DISPLAY				
Screen Size (Max. Resolution)	49" (1920 x 1080 @60Hz)	55" (1920 x 1080 @60Hz)	49" (3840 x 2160 @60Hz)	55" (3840 x 2160 @60Hz)
Pixel Pitch	0.55926 mm x 0.55926 mm	0.630 mm x 0.630 mm	0.27963 mm x 0.27963 mm	0.315 mm x 0.315 mm
Brightness / Response Time	450cd/m²(Typical) / < 8 ms	500cd/m²(Typical) / < 8 ms	350cd/m² (Typical) / < 9 ms	350cd/m² (Typical) / < 9 ms
Contrast / Aspect Ratio	1200:1 / 16 : 9 (4:3 Available)	1200:1 / 16 : 9 (4:3 Available)	1200:1 / 16 : 9 (1.78 : 1)	1300:1 / 16 : 9 (1.78 : 1)
Viewing Angle(H/V)/Display Color	(178° / 178°) / 1.06 B (10 Bit)	(178° / 178°) / 1.06 B (10 Bit)	(178° / 178°) / 1.07 G	(178° / 178°) / 1.07 G
Bezel (ACTIVE to ACTIVE)	0.137" / 3.5 mm		0.72" / 18.6 mm	0.88" / 22.7 mm
Top & Left Bottom & Right	0.090" (2.3 mm) 0.047" (1.2 mm)		0.37" (9.5 mm) 0.35" (9.1 mm)	0.44" (11.4 mm) 0.44" (11.3 mm)
INTERFACE				
HDMI 1.4 In	1		1	
HDMI 2.0 In / Out (Daisy Chain)	1 / 2		1 / -	
DP In / Out	1 / -		2 / 1	
DVI-D In / Audio Out	1 / 1		- / 1	
RS232 (RJ-45) In / Out	1 (Serial Control / IR Receiver) / 1 (Serial Control)		1 (Serial Control) / 1 (Serial Control)	
USB In / SD Card In	1 (Upgrade) / -		2 (1 - Media Player, 1 - OPS) / 1 (Media Player)	
OPS In (Option)	-		1 (Optional Windows OPS available)	
REFRESH RATE				
HDMI 1.4 In	3840 x 2160 @ 30 Hz		3840 x 2160 @ 30 Hz	
HDMI 2.0 In/Out	3840 x 2160 @ 60 Hz		3840 x 2160 @ 60 Hz	
DP (1.2) In	3840 x 2160 @ 60 Hz		3840 x 2160 @ 60 Hz	
DVI-D In	1920 x 1080 @ 60 Hz		-	
GENERAL				
Outline Dimension (W x H x D)	42.4 x 23.9 x 4.63" (1077.6 x 607.8 x 118 mm)	47.8 x 26.9 x 4.7" (1213.4 x 684.2 x 119.4 mm)	43 x 24.62 x 2" (1094.2 x 625.4 x 51.7 mm)	48.6 x 27.74 x 2" (1233.8 x 704.6 x 51.7 mm)
Net Weight / Gross Weight	54.89 lb (24.5 kg) / 74.73 lb (33.9 kg)	65.91 lb (29.9 kg) / 88.18 lb (40.0 kg)	36.15 lbs (16.4 kg) / 52.91 lbs (24 kg)	47.39 lbs (21.5 kg) / 66.13 lbs (30 kg)
Mount	Universal 600 x (100 x 4) / M8 x 10	Universal 600 x (100 x 4) / M8 x 10	Universal 400 x 400 (M6)	Universal 400 x 400 (M6)
Built in Speaker	-		5W x 2	5W x 2
Electrical Ratings / Consumption	AC100 ~ 240V(50/60Hz) / 150 W (Max)	AC100 ~ 240V(50/60Hz) / 192 W (Max)	AC100 ~ 240V(50/60Hz) / ≤ 160 W	AC100 ~ 240V(50/60Hz) / ≤ 170 W
Operating/Storage Temperature	14 ~ 149°F (-10 ~ 65°C) / 32 ~ 140°F (0 ~ 60°C)		32 ~ 104°F (0°C ~ 40°C) / 50 ~ 140°F (10°C ~ 60°C)	
Operating/Storage Humidity	5 ~ 95% RH		20 ~ 85% RH / 10 ~ 90% RH	
Regulation	FCC (A), NDA, RoHS		FCC (A), NDA, RoHS	
Anti-Image Residual Correlation	Support		Support	
USB Media Player	-		Max 16GB, Video Codec (WMA/WMV, AAC, AC3, DIVX, MPEG, H264, VC1, AVS, FLV, RM/RMVB) Video Format (MP4, MOV, MKV, RM, H.265, AVI), Image Format (JPEG, JPG, BMP, GIF), Music Format (AAC, FLAC, MP3, OGG, WAV, M4A), Text Format (TXT (raw text file only))	
Transmitter - IR Remote Control	Support		Support	
Auto Source / Power Recovery	Support		Support	
Daisy Chain / Landscape&Portrait	Support (Mullion Compensation) / Support		- / Support	
Multi Window Display	Support (PBP, PIP, Triple or Quad)		Support (PBP, PIP or Quad)	
Compatible Mounts	Wall : VZ-WM71, VZ-XMS Ceiling : VZ-CMKIT-04 Free Standing Mount: VZ-FSM2x2, VZ-FSM3x2		Wall : VZ-AM03, VZ-WM71, VZ-XMS Ceiling : VZ-CMKIT-04 Standing : VZ-FSM2x2, VZ-FSM3x2	
Package Includes	Manual x 1, AC 110V Power Cable x 1, HDMI Cable x 1, CAT5 Cable (RS232) x 1, Converter (RJ45 to RS232) x 1, Remote Control x 1, IR Receiver x 1		Manual x 1, AC 110V Power Cable x 1, Remote Control x 1, Stand x 1	



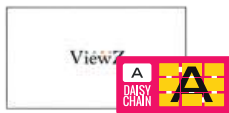
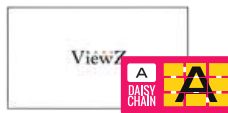
UNBS series

1.2 mm **ULTRA NARROW** bezel
CCTV video wall displays
with **Daisy Chain** Capability

E25



SHB SNB series
0.44 mm **SUPER NARROW** bezel
CCTV video wall displays

Model Name	EXTREME Narrow Bezel LED Video Wall Monitors		SUPER Narrow Bezel LED Video Wall Monitors	
	VZ-55ENB	VZ-55EHB	VZ-55SNB	VZ-55SHB
				
DISPLAY				
Screen Size (Max. Resolution)	55" (1920 x 1080 @60Hz)	55" (1920 x 1080 @60Hz)	55" (1920 x 1080 @60Hz)	55" (1920 x 1080 @60Hz)
Pixel Pitch	0.630 mm x 0.630 mm	0.630 mm x 0.630 mm	0.630 mm x 0.630 mm	0.630 mm x 0.630 mm
Brightness / Response Time	500 cd/m² (Typical) / < 8 ms	700 cd/m² (Typical) / < 8 ms	500 cd/m²(Typical) / < 8 ms	700 cd/m²(Typical) / < 8 ms
Contrast	1000:1		1100:1	
Aspect Ratio	16 : 9 (4:3 Available)		16 : 9 (4:3 Available)	
Viewing Angle (H/V)	178° / 178°		178° / 178°	
Display Color	1.06 B (10 Bit)		1.06 B (10 Bit)	
Bezel (ACTIVE to ACTIVE)	0.07" / 1.8 mm		0.034" / 0.88 mm	
Top & Left Bottom & Right	0.035" / 0.9 mm 0.035" / 0.9 mm		0.017" / 0.44 mm 0.017" / 0.44 mm	
INTERFACE				
HDMI 1.4 In	1			
HDMI 2.0 In / Out (Daisy Chain)	1 / 2			
DP In	1			
DVI-D In	1			
USB In / Audio Out	1 (Upgrade) / 1			
RS232 (RJ-45) In / Out	1 (Serial Control / IR Receiver) / 1 (Serial Control)			
REFRESH RATE				
HDMI 1 In	3840 x 2160 @ 30Hz			
HDMI 2 In/Out	3840 x 2160 @ 60Hz			
DP In	3840 x 2160 @ 60Hz			
DVI-D In	1920 x 1080 @ 60 Hz			
GENERAL				
Outline Dimension (W x H x D)	47.7 x 26.85 x 4.66" (1211.4 x 682 x 118.5mm)	47.7 x 26.85 x 4.66" (1211.4 x 682 x 118.5mm)	47.6 x 26.8 x 4.66" (1210.5 x 681.2 x 118.5mm)	47.6 x 26.8 x 4.66" (1210.5 x 681.2 x 118.5mm)
Net Weight / Gross Weight	65.91 lb (29.9 kg) / 88.18 lb (40.0 kg)	65.91 lb (29.9 kg) / 88.18 lb (40.0 kg)	65.91 lb (29.9 kg) / 88.18 lb (40.0 kg)	65.91 lb (29.9 kg) / 88.18 lb (40.0 kg)
Mount	Universal 600 x (100 x 4) (M8 x 10)	Universal 600 x (100 x 4) (M8 x 10)	Universal 600 x (100 x 4) (M8 x 10)	Universal 600 x (100 x 4) (M8 x 10)
Electrical Ratings / Consumption	AC100 ~ 240V(50/60Hz) / 180 W (Max)	AC100 ~ 240V(50/60Hz) / 224 W (Max)	AC100 ~ 240V(50/60Hz) / 237 W (Max)	AC100 ~ 240V(50/60Hz) / 237 W (Max)
Operating/Storage Temperature	14 ~ 149°F (-10 ~ 65°C) / 32 ~ 140°F (0 ~ 60°C)			
Operating/Storage Humidity	5% ~ 95% RH (Non-Condensing)			
Regulation	FCC (A), NDAA, RoHS			
Anti-Image Residual Correlation	Support			
Transmitter - IR Remote Control	Support			
Auto Source / Power Recovery	Support			
Daisy Chain / Landscape&Portrait	Support (Mullion Compensation) / Support			
Multi Window Display	Support (PBP, PIP, Triple or Quad)			
Compatible Mounts	Wall : VZ-WM71, VZ-XMS Ceiling : VZ-CMKIT-04, VZ-CMKIT-07 Free Standing Mount: VZ-FSM2x2, VZ-FSM3x2			
Package Includes	Manual x 1, AC 110V Power Cable x 1, HDMI Cable x 1, CAT5 Cable (RS232) x 1, Converter (RJ45 to RS232) x 1, Remote Control x 1, IR Receiver x 1			

0.44 nearly Seamless Bezel

SNB/SHB Series boasts exceptionally razor-thin bezels at 0.44 mm – the world thinnest for LCD panel and 0.88 mm bezel to bezel.

Landscape / Portrait Viewing Mode

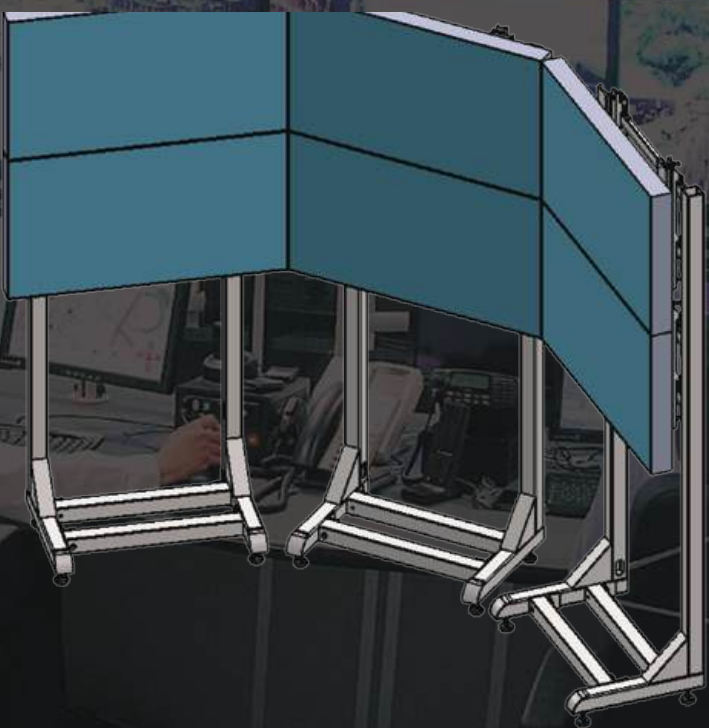
ENB/EHB/SNB/SHB series supports both portrait and landscape mounting. Moreover, contents can be displayed in 3 different viewing angles: 90°, 180° and 270° with multiple window layout options for maximum flexibility.

Daisy Chain

Daisy-chaining allows one output to run from input sources to the monitor. The monitor then effectively relays or extends the input signal to the adjacent monitor, or to upto 15 monitors.



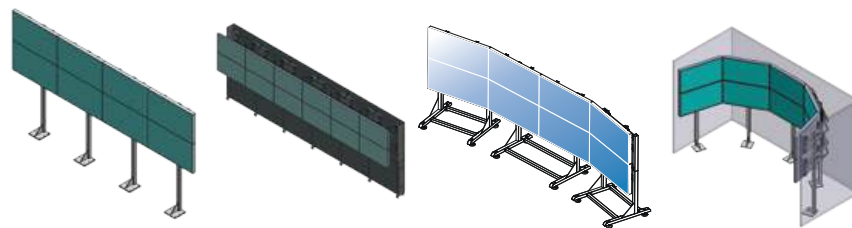
Professional Video Wall Mounting Solutions
for More Demanding Installations



CUSTOM FABRICATED
VIDEO WALL MOUNTS

VIDEOWALL ACCESSORIES

ViewZ custom fabrication shop was established to deliver custom video wall mounting solutions for challenging installations where standard mounting is not an option. ViewZ's custom fabrication shop can design and build custom wall mounting solutions from scratch, whether its curved wall free standing mounts or wall mounts with wood cladding for elevated aesthetics.



HDMI Extender w/ HDCP2.2 VZ-1TRX-4K		HDMI Extender w/ PoE VZ-1TRX-IP	
Model Name		Model Name	
			
VIDEO		VIDEO	
Resolution @59.94 / 60 Hz	480i/480p/720p/1080i/1080p/3840x2160	Resolution @60 Hz	480i/480p/720p/1080i/1080p/4K
Resolution @50 Hz	576i/576p/720p/1080i/1080p/3840x2160	Resolution @50 Hz	480i/480p/720p/1080i/1080p
Resolution @30 Hz	3840x2160 / 4096x2160	Resolution @30 Hz	1080p/4K
Resolution @23.98/25 Hz	3840x2160 / 4096x2160	Resolution @25 Hz	1080p
HDCP™ Version	HDCP 2.2 / 1.4	Resolution @24 Hz	4K
HDMI Compliance	HDMI 2.0a	IP Protocol	TCP, UDP, RTP, DHCP, IGMP, Multicast
Ipcolor Technology	Support	HDMI Compliance	HDCP 1.4, 2.0 & 2.4
Transmission Distance	up to 230ft / 70m (CAT 6 / 6A / 7)	Video Compression	JPEG2000
Audio Format	LPCM / DTS-H D / DTS / Dolby Digital 5.1ch	Transmission Distance	CAT 5 / 6 ≤ 100 m (328 ft) (CAT 5/6/6A/7)
In / Out TDMS Signal	0.7 ~ 1.2 Vp-p (TDMS)	Audio Format	LPCM up to 12-channels, Dolby Digital Plus, Dolby TrueHD, DTS HD Master Audio, Dolby ATMOS
In / Out DDC Signal	5 Vp-p (TTL)		
In / Out HDMI Cable Length	≤ 8 m (AWG 24)		
INTERFACE - Transmitter TX		Audio Separation	
Power Input (DC 5V)	1	Bi-Directional IR	Support RX S/PDIF Audio Separation
IR In / Out	1 / 1		Support bi-directional IR pass back, Support 20-60khz IR devices
CAT6 (RJ45) Out	1	ARC	Support ARC back to TX
HDMI In / Out	1 / 1	HDMI Loop-out	Support TX Loop-out of HDMI
INTERFACE - Receiver RX		CEC	Support CEC Control
Power Input (DC 5V)	1	EDID	Support EDID Pass-through
IR In / Out	1 / 1	INTERFACE - Transmitter TX	
S/PDIF (ARC support)	1	Power Input (PoE)	1
CAT6 (RJ45) In	1	AUDIO In / Out	1 / 1
HDMI Out	1	CAT 5e/6 (RJ45) Out	1
GENERAL		FIBER	1 (SFP) - Multi & Single Mode
Outline Dimension (W x H x D)	4.17 x 1.0 x 3.9" (106 x 26.2 x 99 mm)	USB (Type B) 2.0	1 (KM USB)
Net Weight (TX / RX)	TX: 0.46 lbs (0.21 kg) / RX: 0.46 lbs (0.21 kg)	RS-232 (DB 9)	1
Gross Weight	1.85 lbs / 0.83 kg	IR	1
Electrical Ratings	DC 5V / 2A (100 ~ 240 VAC, 50/60 Hz)	HDMI In / Out	1 / 1
Power Consumption	Tx & Rx ≤ 4 W	INTERFACE - Receiver RX	
Operating Temperature	-4°F ~ 140°F / -20°C ~ 60°C	Power Input (PoE)	1
Storage Temperature	-22°F ~ 158°F / -30°C ~ 70°C	AUDIO In / Out	1 / 1
Operating Humidity	0 ~ 90 % (Non-condensing)	S/PDIF (ARC support)	1
Mechanical Construction	Aluminum alloy (Black)	CAT 5e/6 (RJ45) In	1
Protection Level	1a Contact discharge level 3 1b Air discharge level 3 implementation of the standard : IEC61000-4-2	USB (Type A) 2.0	1
		USB (Type A) 1.1	1
		FIBER	1 (SFP) - Multi & Single Mode
		RS-232 (DB 9)	1
		IR	1
		HDMI Out	1
		GENERAL	
		Outline Dimension (W x H x D)	4.21 x 1.18 x 8.07" (107 x 30 x 205 mm)
		Net Weight (TX / RX)	TX: 1.65 lbs (0.75 kg) / RX: 1.65 lbs (0.75 kg)
		Electrical Ratings	PoE- DC 12V / 2A (100 ~ 240 VAC, 50/60 Hz)
		Operating Temperature	32 ~ 131°F / 0 ~ 55°C
		Storage Temperature	-4 ~ 185°F / -20 ~ 85°C
		Operating Humidity	0 ~ 95 % (Non-condensing)
		Mechanical Construction	Aluminum alloy (Black)



TRX^{series}

HDMI Extender

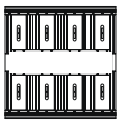
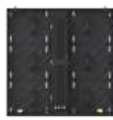
Over CAT 6



LED VIDEOWALL

Pixel by pixel calibration technology eliminates the difference in brightness & chromaticity within & between panels, improves the uniformity of display.

Model Name	Indoor Fine Pixel LED Tile				Indoor Rental LED Tile
	VZ-IFX series	VZ-IPX series (24" Tile)	VZ-IPX series (24" Tile)	VZ-IPX series (27" Tile)	VZ-IRX series
					
DISPLAY					
LED TYPE	SMD	SMD 1010/1212/1515	SMD	Flip-chip COB Common Cathode	SMD
Pixel Pitch	VZ-IFX2819 - 0.074 x 0.074" / 1.9 x 1.9 mm VZ-IFX2826 - 0.1 x 0.1" / 2.6 x 2.6 mm VZ-IFX2829 - 0.11 x 0.11" / 2.9 x 2.9 mm VZ-IFX2839 - 0.15 x 0.15" / 3.9 x 3.9 mm	VZ-IPX2612S - 0.049 x 0.049" / 1.25 x 1.25 mm VZ-IPX2615S - 0.06x0.06" / 1.5625 x 1.5625 mm VZ-IPX2618S - 0.073x0.073" / 1.875 x 1.875 mm VZ-IPX2625S - 0.098 x 0.098" / 2.5 x 2.5 mm	VZ-IPX2612 - 0.049 x 0.049" / 1.25 x 1.25 mm VZ-IPX2615 - 0.06 x 0.06" / 1.5625 x 1.5625 mm VZ-IPX2618 - 0.073 x 0.073" / 1.875 x 1.875 mm VZ-IPX2625 - 0.098 x 0.098" / 2.5 x 2.5 mm	VZ-IPX2709 - 0.036 x 0.036" / 0.9375 x 0.9375 mm VZ-IPX2712 - 0.049 x 0.049" / 1.25 x 1.25 mm VZ-IPX2712A - 0.047 x 0.047" / 1.2 x 1.2 mm VZ-IPX2715 - 0.0615x0.0615" / 1.5625x1.5625 mm	VZ-IRX2819 - 0.076 x 0.076" / 1.95 x 1.95 mm VZ-IRX2826 - 0.1 x 0.1" / 2.6 x 2.6 mm VZ-IRX2829 - 0.11 x 0.11" / 2.97 x 2.97 mm VZ-IRX2839 - 0.15 x 0.15" / 3.91 x 3.91 mm
Module / Cabinet Resolution	VZ-IFX2819 - 128 x 128 / 256 x 256 @3840Hz VZ-IFX2826 - 96 x 96 / 192 x 192 @3840Hz VZ-IFX2829 - 84 x 84 / 168 x 168 @3840Hz VZ-IFX2839 - 64 x 64 / 128 x 128 @3840Hz	VZ-IPX2612S - 240 x 135 / 480 x 270 @3840Hz VZ-IPX2615S - 192 x 108 / 384 x 216 @3840Hz VZ-IPX2618S - 160 x 90 / 320 x 180 @3840Hz VZ-IPX2625S - 135 x 60 / 240 x 135 @3840Hz	VZ-IPX2612 - 240 x 136 / 480 x 270 @3840Hz VZ-IPX2615 - 192 x 108 / 384 x 216 @3840Hz VZ-IPX2618 - 160 x 90 / 320 x 180 @3840Hz VZ-IPX2625 - 120 x 67 / 240 x 134 @3840Hz	VZ-IPX2709 - 160 x 180 / 640 x 360 @3840Hz VZ-IPX2712 - 120 x 135 / 480 x 270 @3840Hz VZ-IPX2712A - 120 x 135 / 480 x 270 @3840Hz VZ-IPX2715 - 96 x 108 / 384 x 216 @3840Hz	VZ-IRX2819 - 128 x 128 / 256 x 256 @3840Hz VZ-IRX2826 - 96 x 96 / 192 x 192 @3840Hz VZ-IRX2829 - 84 x 84 / 168 x 168 @3840Hz VZ-IRX2839 - 64 x 64 / 128 x 128 @3840Hz
Brightness / Contrast Ratio	800 cd/m² (Typical) / 5,000:1	600 cd/m² (Typical) / 10,000:1	600 cd/m² (Typical) / 4,000:1	600 cd/m² (Typical) / 20,000:1	800 cd/m² (Typical) / 3,000:1
Pixel Density	-	VZ-IPX2612S- 1/640,000, VZ-IPX2615S- 1/409,600 VZ-IPX2618S- 1/284,444, VZ-IPX2625S- 1/160,000	VZ-IPX2612- 1/640,000, VZ-IPX2615- 1/409,600 VZ-IPX2612- 1/284,444, VZ-IPX2625- 1/160,000	1 / 1,137,777	-
Viewing Angle (H/V)	160° / 140°	170° / 170°	160° / 140°	170° / 160°	160° / 120°
Gray Scale Processing	14 bit	16 bit	14 bit	14 bit	14 bit
Control System / Receiving Card	Novastar A5s Plus	-	Novastar A5s Plus	- / -	Colorlight K5+ / Novastar A5s Plus
Driver IC / Brightness Uniformity	Chipone ICN2153 PWM / -	- / ≥ 99.8%	Chipone ICN2018/FM7559 / ≥ 97%	Chipone ICND2069 PWM / ≥ 97%	ICN2153 / -
Color Temperature	-	5000K ~ 12000K Adjustable	6500K ~ 9300K Adjustable	6500K ~ 12000K Adjustable	-
Drive Mode	-	VZ-IPX2612S - 1/4S, VZ-IPX2615S - 1/48 VZ-IPX2618S - 1/4S, VZ-IPX2625S - 1/30	Constant Current Driving	Constant Current Driving	-
Scanning Mode	-	-	IPX2612- 60s, IPX2615- 64s, IPX2618- 54s, IPX2625- 40s	54 S	-
Color Uniformity	-	-	± 0.003 Cx,Cy	± 0.003 Cx,Cy	-
HDR	Support				
GENERAL					
Module Dimension (W x H x D)	9.84 x 9.84" (250 x 250 mm)	11.81 x 6.64" (300 x 168.75 mm)	11.81 x 6.64" (300 x 168.75 mm)	5.9 x 6.64" (150 x 168.75 mm)	9.84" x 9.84" (250 x 250 mm)
Cabinet Dimension (W x H x D)	19.68 x 19.67 x 2.75" (500 x 500 x 70 mm)	23.62 x 13.27 x 1.08" (600 x 337.5 x 27.5 mm)	23.62 x 13.27 x 1.27" (600 x 337.5 x 32.3 mm)	23.62 x 13.28 x 1.55" (600 x 337.5 x 39.5 mm)	19.68 x 19.67 x 2.95" (500 x 500 x 75 mm)
Net Weight	15.43 lbs / 7 kg	9.92 lbs / 4.5 kg	9.92 lbs / 4.5 kg	8.81 lbs / 4 kg	17.63 lbs / 8 kg
Electrical Ratings	AC 100 ~ 240V (50/60Hz)	AC 90 ~ 264V (47 ~ 63 Hz)	AC 100 ~ 240V (50/60Hz)	AC 100 ~ 240V (50/60Hz)	AC 100 ~ 240V (50/60Hz)
Consumption (W/m²)	VZ-IFX2819 - 163 (Avg) / 489 (Max) VZ-IFX2826 - 164 (Avg) / 490 (Max) VZ-IFX2826 - 164 (Avg) / 490 (Max) VZ-IFX2839 - 166 (Avg) / 500 (Max)	100 (Avg) / 350 (Max)	VZ-IPX2812 - 161 (Avg) / 485 (Max) VZ-IPX2815 - 155 (Avg) / 465 (Max) VZ-IPX2818 - 153 (Avg) / 460 (Max) VZ-IPX2825 - 151 (Avg) / 455 (Max)	VZ-IPX2709 - 110 (Avg) / 320 (Max) VZ-IPX2712 - 100 (Avg) / 270 (Max) VZ-IPX2712 - 100 (Avg) / 270 (Max) VZ-IPX2715 - 100 (Avg) / 250 (Max)	VZ-IRX2819 - 150 (Avg) / 450 (Max) VZ-IRX2826 - 180 (Avg) / 520 (Max) VZ-IRX2829 - 180 (Avg) / 520 (Max) VZ-IRX2839 - 180 (Avg) / 520 (Max)
Maintenance Mode	Front / Rear Maintenance	Front Maintenance	Front Maintenance	Front Maintenance	Front / Rear Maintenance
Regulation	FCC(A), CE, RoHs	FCC(A), CE, RoHs	FCC(A), CE, RoHs	FCC(A), CE, RoHs	FCC(A), CE, RoHs
Protection Level	IP30	IP31 (Front)	IP30 (Front)	IP65 (Front)	IP30
Cabinet Material	Die-Cast Aluminium	Die-Cast Aluminium	Die-Cast Aluminium	Die-Cast Aluminium	Die-Cast Aluminium
Operating / Storage Temperature	32 ~ 104°F (0 ~ 40°C) / -40 ~ 176°F (-40 ~ 80°C)	-4 ~ 140°F (-20~60°C) / -4 ~ 140°F (-20~60°C)	14 ~ 104°F (-10~40°C) / -4 ~ 140°F (-20~60°C)	14 ~ 104°F (-10~40°C) / -4 ~ 140°F (-20~60°C)	-
Operating / Storage Humidity	10 ~ 90% RH / 10 ~ 90% RH	10 ~ 80% RH / 10 ~ 85% RH	10 ~ 80% RH / 10 ~ 85% RH	10 ~ 90% RH / 10 ~ 90% RH	-
Curve Lock	-	-	-	-	+5° ~ -5° & +10° ~ -10°

Model Name	Outdoor LED Tile VZ-OFX series	Outdoor LED Tile VZ-OFX-S series	Outdoor LED Tile VZ-OFX5366	Outdoor Rental LED Tile VZ-OFX2825
				
DISPLAY				
LED TYPE	SMD	1R1G1B	Trinity LED	SMD
Pixel Pitch	VZ-OFX7857 - 0.22 x 0.22" / 5.71 x 5.71 mm VZ-OFX7866 - 0.26 x 0.26" / 6.67 x 6.67 mm VZ-OFX7880 - 0.31 x 0.31" / 8.0 x 8.0 mm VZ-OFX78A0 - 0.39 x 0.39" / 10.0 x 10.0 mm	VZ-OFX2825S - 0.09 x 0.09" / 2.5 x 2.5 mm VZ-OFX2830S - 0.12 x 0.12" / 3.076 x 3.076 mm VZ-OFX2840S - 0.157 x 0.157" / 4 x 4 mm VZ-OFX2850S - 0.196 x 0.196" / 5 x 5 mm	0.262 x 0.262" / 6.67 x 6.67 mm	0.09 x 0.09" / 2.5 x 2.5 mm
Module / Cabinet Resolution	VZ-OFX7857 - 84 x 56 / 168 x 168 @3840Hz VZ-OFX7866 - 72 x 48 / 144 x 144 @3840Hz VZ-OFX7880 - 60 x 40 / 120 x 120 @3840Hz VZ-OFX78A0 - 48 x 32 / 96 x 96 @3840Hz	VZ-OFX2825S - 128 x 64 / 384 x 384 @3840Hz VZ-OFX2830S - 104 x 52 / 312 x 312 @3840Hz VZ-OFX2840S - 80 x 40 / 240 x 240 @3840Hz VZ-OFX2850S - 64 x 32 / 192 x 192 @3840Hz	48 x 48 / 144 x 144 @3840Hz	64 x 256 / 256 x 256 @3840Hz
Brightness / Contrast Ratio	6,000 cd/m ² (Typical) / 5,000:1	4500/5000 cd/m ² (Typical) / -	5,500 cd/m ² (Typical) / 3,000:1	5,000 cd/m ² (Typical) / 3,000:1
Pixel Density (pitch/m ²)	-	VZ-OFX2825S - 160000, VZ-OFX2830S - 105688 VZ-OFX2840S - 62500, VZ-OFX2850S - 40000	22500 pitch/m ²	160000 pitch/m ²
Viewing Angle (H/V)	160° / 140°	170° / 120°	120° / 120°	140° / 120°
Gray Scale Processing	14 ~ 16 bit	-	14 bit	14 bit
Control System / Receiving Card	Novastar A5s Plus	- / -	- / -	- / -
Driver IC / Brightness Uniformity	Chipone ICN2153 PWM / -	- / ≥ 95%	- / -	- / ≥ 95%
Color Temperature	2000 ~ 9500K	6500 ~ 8500K	3500 ~ 9300K	2000 ~ 9500K
Drive Mode	-	Constant Current Driving	Constant Current Driving 1/6 scan	Constant Current Driving
Scanning Mode	VZ-OFX7857 - 7S, VZ-OFX7866 - 4S VZ-OFX7880 - 3S, VZ-OFX78A0 - 2S	VZ-OFX2825S - 1/16, VZ-OFX2830S - 1/13 VZ-OFX2840S - 1/10, VZ-OFX2850S - 1/10	-	16s
Color Uniformity	± 0.003 Cx,Cy	-	-	± 0.003 Cx,Cy
GENERAL				
Module Dimension (W x H x D)	18.89 x 12.59 x 0.76" (480 x 320 x 19.5 mm)	12.59 x 6.29" (320 x 160 mm)	12.59" x 12.59" (320 x 320 mm)	6.29 x 25.19" (160 x 640 mm)
Cabinet Dimension (W x H x D)	37.79 x 37.79 x 2.99" (960 x 960 x 76 mm)	37.79 x 37.79" (960 x 960 mm)	37.79 x 37.79 x 4.33" (960 x 960 x 110 mm)	25.19 x 25.19 x 3.34" (640 x 640 x 85 mm)
Net Weight	54.01 lbs / 24.5 kg	6.5 kg / 14.33 lb	88.18 lbs / 40 kg	30.86 lbs / 14 kg
Electrical Ratings	AC 100 ~ 240V (50/60Hz)	AC 100 ~ 240V (50/60Hz)	AC 100 ~ 240V (50/60Hz)	AC 100 ~ 240V (50/60Hz)
Consumption (W/m ²)	200 (Avg) / 600 (Max)	OFX2825S - 240/1000, OFX2830S - 350/1000 OFX2840S - 300/1000, OFX2850S - 300/1000	320 (Avg) / 950 (Max)	250 (Avg) / 750 (Max)
Maintenance Mode	Front / Rear Maintenance	Front Maintenance	Front / Rear Maintenance	Front Maintenance
Regulation	FCC(A), CE, RoHs	FCC(A), CE, RoHs	FCC(A), CE, RoHs	FCC(A), CE, RoHs
Protection Level	IP65	IP65	IP65	IP65
Cabinet Material	Die-Cast Aluminium	Die-Cast Aluminium	Die-Cast Aluminium	Die-Cast Aluminium
Operating / Storage Temperature	-4~-122°F (-20 ~ 50°C) / -22~-122°F (-30 ~ 60°C)	-4~-176°F (-20 ~ 80°C) / -	-4~-122°F (-20 ~ 50°C) / -40~-140°F (-40 ~ 60°C)	-4~-122°F (-20 ~ 50°C) / -22~-140°F (-30 ~ 60°C)
Operating / Storage Humidity	10 ~ 90% RH / 10 ~ 95% RH	10 ~ 95% RH / -	10 ~ 90% RH / 10 ~ 95% RH	10 ~ 90% RH / 10 ~ 95% RH



EXCELLENCE VIBRANT



RUGGED, BRIGHT OUTDOOR LED



The image is a vertical collage of three distinct scenes. The left panel shows a modern building with a grid-like facade at night, with people standing on a balcony above. The middle panel is a photograph of a football stadium filled with spectators, with banners for 'MARATHON BET', 'GIRONA FC', and 'ORGULL GIRONI' visible. The right panel shows a concert stage with a large disco ball and a DJ performing. The text 'EVENTS SPORTS CONCERT' is overlaid on the left panel.

EVENTS SPORTS CONCERT

LED Videowall ALL-IN-ONE Controller						
Model Name	VZ-SB50	Model Name	VZ-SB165	VZ-SB600	VZ-SB700	VZ-SB1000
	1 IN / 1 OUT		7 IN / 17 OUT	4 IN / 10 OUT	4 IN / 9 OUT	5 IN / 15 OUT
						
DECODING FORMAT - VIDEO		VIDEO FORMAT				
MPEG1, MPEG2 & MPEG4	1920x1080 @30Hz (48x48 pixel)	HDMI	3840x2160@60Hz (HDMI 2.0)	1920x1200@60Hz (HDMI 1.3 - RGB 4:4:4)	1920x1200@60Hz (HDMI 1.3 8bit - RGB 4:4:4)	3840x1080@60Hz (HDMI 1.4 8bit - RGB 4:4:4)
H.264, H.264 MVC, H.265 HEVC	4096x2304 @60Hz (48x48 pixel)		8 bit - RGB 4:4:4 / YCbCr 4:4:4 / YCbCr 4:2:2			
VP8, VC-1	1920x1080 @30Hz (48x48 pixel)		10/12bit - RGB 4:4:4 / YCbCr 4:4:4 / YCbCr 4:2:2			
VP9	4096x2304 @60Hz (48x48 pixel)	SL-DVI	1920x1080 @60Hz (8 bit RGB 4:4:4)	-	-	-
H.263	SQCIF (128x96 @30Hz), QCIF (176x144 @30Hz), CIF (352x288 @30Hz), 4CIF (704x576 @30Hz)	DVI	-	3840x648@60Hz (YCbCr 4:4:4)	1920x1200@60Hz (8bit - RGB 4:4:4)	4096x1136@60Hz (8bit - YCbCr 4:4:4)
MJPEG	1920x1080 @60Hz (48x48 pixel)	3G-SDI	Max. Input Resolution: 1920x1080@60Hz	Max. Input Resolution: 1920x1080@60Hz Support ST-424 (3G), ST-292 (HD), ST-259 (SD)	-	Max. Input Resolution: 1920x1080@60Hz Support ST-424 (3G), ST-292 (HD), ST-259 (SD)
DECODING FORMAT - IMAGE		OPT				
JPG, JPEG (JFIF - FORMAT 1.02)	96 x 32 to 817 x 8176 pixels	INTERFACE				
BMP, GIF, PNG, WEBP	No limitation	HDMI 2.0 In / Out	1 / 1	- / -	- / -	- / -
INTERFACE		HDMI 1.4 In / Out	- / -	- / -	- / -	2 / 1
HDMI 2.0 In / Out	1 / 1	HDMI 1.3 In / Out	- / -	2 / 2 (Loop-through)	1 / 1	- / 1
Ethernet (RJ-45) In / WiFi	1 / 1	DVI In / Out	4 / -	1 / 1 (Loop-through)	1 / 1	2 / 1
USB 3.0 In / Reset	1 (Type-A) / 1	3G-SDI In / Out	2 / -	1 / 1 (Loop-through)	- / -	1 / 1
COM 1 / COM 2	1 (4G Antenna) / 1 (GPS Antenna)	Ethernet (RJ-45) In / Out	1 (Control) / 16	1 (Control) / 6	1 (Control) / 6 + 1 (UART)	1 (Control) / 10
Audio Out	1	SIM Card Slot / USB In	- / 1 (Type-A) & 2 (Type-B)	- / 1 (Type-A) & 1 (Type-B)	- / 1 (Type-B)	- / 1 (Type-A) & 1 (Type-B)
Sensor / Switch	1 / 1	RS232 In / Audio Out	1 (Control) / -	- / -	- / 1	- / -
SIM Card Slot / USB In	1 / 1 (Type-B)	Genlock In / Out	- / -	1 / 1 (Loop-through)	- / -	1 / 1
SPECIFICATION		OPT In / Out	- / -	1 / 1	- / -	1 / 1
Max Pixel per LED		GENERAL				
Total Pixel / Max Input Resolution	1.3 Million pixels / 1920 x 1200 @ 60Hz	Outline Dimension (W x H x D)	19 x 14.66 x 3.72" / 482.6 x 372.5 x 94.6 mm	19 x 13.82 x 1.97" / 482.6 x 351.2 x 50.1 mm	19 x 9.84 x 1.74" / 482.6 x 250.0 x 44.4 mm	19 x 13.82 x 1.97" / 482.6 x 351.2 x 50.1 mm
Max / Min Output (Width&Height)	4096 x 4096 pixels / 800 x 600 pixels	Net Weight / Gross Weight	4.4 lbs (6.22 kg) / 8.37 lbs (9.78 kg)	8.81 lbs (4.0 kg) / 14.99 lbs (6.8 kg)	5.73 lbs (2.6 kg) / -	8.81 lbs (4.0 kg) / 13.88 lbs (6.3 kg)
ANDROID BOARD SPEAC		Electrical Ratings	AC 100 ~ 240V, 50/60 Hz / 2.1 A	AC 100 ~ 240V, 50/60 Hz / 1.5 A	AC 100 ~ 240V, 50/60 Hz	AC 100 ~ 240V, 50/60 Hz / 1.5 A
Android OS	Ver. 11.0.	Power Consumption	70 W	28 W	12 W	28 W
CPU	Quad-core ARM A55 processor @1.8 GHz	Operating / Storage Temperature	32~122°F (0~50°C) / -4~140°F (-20~60°C)	32~113°F (0~45°C) / -4~158°F (-20~70°C)	-4~140°F (-20~60°C) / -	14~140°F (-10~60°C) / -4~158°F (-20~70°C)
RAM / Storage	1 GB / 16 GB	Operating / Storage Humidity	20 ~ 85 % RH / 10 ~ 85 % RH	20 ~ 90 % RH / 10 ~ 95 % RH	10 ~ 90 % RH / -	20 ~ 90 % RH / 10 ~ 95 % RH
GENERAL		Regulation	CE, FCC, RoHS	CE, FCC, RoHS	CE, FCC, RoHS	CE, FCC, RoHS
Outline Dimension (W x H x D)	10.79 x 5.47 x 1.57" / 274.3 x 139.0 x 40.0 mm	Mount	1U (19")	1U (19")	1U (19")	1U (19")
Net Weight / Gross Weight	2.71 lbs (1.23 kg) / 3.63 lbs (1.65 kg)	Accessories	Power Cable x1, Manual x1, Ethernet x1, USB Cable x1, HDMI Cable x1, DVI Cable x1	Power Cable x1, Manual x1, Ethernet x1, USB Cable x1, HDMI to DVI Cable x1, HDMI Cable x1	Power Cable x1, DVI Cable x1, USB Cable x1 Manual x1	Power Cable x1, Manual x1, Ethernet x1, USB Cable x1, HDMI to DVI Cable x1, DAC Cable x1, HDMI Cable x1
Electrical Ratings	AC 100 ~ 240V, 50/60 Hz / 0.6 A					
Power Consumption	18 W					
Operating / Storage Temperature	-4~140°F (-20~60°C) / -40~176°F (-40~80°C)					
Operating / Storage Humidity	0 ~ 80 % RH / 0 ~ 80 % RH					
Regulation	CE, FCC, RoHS					
IP Rating	IP 20					
Accessories	Power Cable x1, Manual x1, WiFi Antenna x1					

HDMI

HIGH-DEFINITION MULTIMEDIA INTERFACE

HDCP 1.4 / HDMI 1.4

SBseries

Support for multi-screen synchronous playback and synchronous and asynchronous modes makes this multimedia player a perfect fit for a

HDMI
HIGH-DEFINITION MULTIMEDIA INTERFACE
HDCP 1.4 / HDMI 1.4

SB series
LED Videowall All-In-One Controller

Support for multi-screen synchronous playback and synchronous and asynchronous modes makes this multimedia player a perfect fit for a wide range of applications.



HD Camera series

Full HD 1080p over Coax with AHD, TVI, CVI and CVBS support.

Full HD Vari-Focal Weather-proof IR Cameras	
VZ-VBC-1	
Model Name	
VIDEO	
Imaging Sensor	SONY 2.1 Megapixel CMOS Sensor
HD Scanning System	1/2.8" Progressive Scan
Lens	Vari-Focal MP 2.8 - 12 mm
S/N Ratio	More than 50dB
HD Video Output / Resolution	1080p (1920x1080)
Image Frame	NTSC : 30 fps / PAL : 25 fps
Analog Video Output Level	1.0 Vp-p (75Ω, Composite)
Analog Output Transmission	984 ft / 300 m
Min. Illumination	0.01 Lux (Color, AGC On), 0 Lux (BW, IR On)
FOV (Field Of View)	90° ~ 35°
Electronic Shutter Speed	NTSC : 1/30sec ~ 1/10,000sec PAL : 1/25sec ~ 1/10,000sec
IR LED	30 pcs
IR Wavelength / Range	850 nm / 114 - 131 ft (35 - 40 m)
Video Out	1 x AHD/TVI/CVI/CVBS (BNC)
INTERFACE	
AHD/TVI/CVI/CVBS (BNC)	1
DC 12V	1
FUNCTION	
Day & Night	ICR (Auto, B.W, Color, EXT)
Adjust	SHARPNESS, MONITOR, LSC, NTSC/PAL
AGC	Adjustable 1 ~ 15
WDR	On, Off - Digital WDR (More than 120dB)
2D/3D - NR	On, Off - 3D DNR Only
White Balance	ATW / MWB
GENERAL	
Outline Dimension (W x H x D)	φ3.14" x 10.93" / φ80mm x 277.8mm
Net Weight	1.76 lbs / 800g
Language	English (Selectable)
Construction	Aluminum Alloy
Electrical Ratings	DC12V ±10%
Power Consumption	Max. 4W
Regulation	CE, FCC
ENVIRONMENTAL	
Out-door Ready	IP 66
Operating Temperature	14 ~ 131°F / -10°C ~ 55°C
Operating Humidity	0% to 85%

Model Name	2.1 M 3G/HD-SDI Full HD Miniature Camera		1080p Full HD COMPACT HD-SDI / HDMI BOX Camera	
	VZ-FMS-2	VZ-FBS-2	VZ-BCHS-1	VZ-BCHS-2
				
VIDEO				
Imaging Sensor	2.1 Megapixel CMOS Sensor	2.1 Megapixel CMOS Sensor	2.1 Megapixel CMOS Sensor	2.1 Megapixel CMOS Sensor
HD Scanning System	1/3" Progressive Scan	1/3" Progressive Scan	1/3" Progressive Scan	1/3" Progressive Scan
S/N Ratio	More than 50dB (AGC Off)	More than 50dB (AGC Off)	More than 50dB (AGC Off)	More than 50dB (AGC Off)
HD Video Output / Resolution	HD-SDI, 3G-SDI 1080p(29.97, 59.94fps) 1080i (59.94fps), 720p (29.97, 59.94 fps) Composite(1.0Vp-p, 75ohm), Color Bar Signal	HD-SDI, 3G-SDI 1080p(29.97, 59.94fps) 1080i (59.94fps), 720p (29.97, 59.94 fps) Composite(1.0Vp-p, 75ohm), Color Bar Signal	HD-SDI, 3G-SDI 1080p (25, 30, 50, 60fp,s) 1080i (50, 60fps), 720p (50, 60fps) HDMI, Color Bar Signal	HD-SDI, 3G-SDI 1080p (25, 30, 50, 59.94, 60fps) 1080i (50, 59.94, 60fps), 720p (50, 59.94, 60fps) HDMI, Color Bar Signal
Image Frame	NTSC, PAL Composite (1.0Vp-p, 75ohm)	NTSC, PAL Composite (1.0Vp-p, 75ohm)	NTSC, PAL Composite (1.0Vp-p, 75ohm)	NTSC, PAL Composite (1.0Vp-p, 75ohm)
Min. Illumination	0.1Lux (F1.2, 50 IRE, AGC MAX) DSS X4:0.01 Lux	0.1Lux (F1.2, 50 IRE, AGC MAX) DSS X4:0.01 Lux	0.1Lux (F1.2, 50 IRE, AGC MAX) DSS X4:0.01 Lux	0.1Lux (F1.2, 50 IRE, AGC MAX) DSS X4:0.01 Lux
Horizontal TVL	More than 1000 TVL	More than 1000 TVL	More than 1000 TVL	More than 1000 TVL
Electronic Shutter Speed	MANUAL(1/30(25) ~ 1/30,000 sec)	MANUAL(1/30(25) ~ 1/30,000 sec)	AUTO / MANUAL (1/30 sec ~ 1/30,000 sec)	AUTO / MANUAL (1/30 sec ~ 1/30,000 sec)
INTERFACE				
HD/3G-SDI	1	1	1	1
CVBS (BNC)	-	1	1	1
HDMI	-	-	1	1
DC 12V / Auto-Iris Connector	1 / -	1 / -	1 / 1	1 / 1
FUNCTION				
Auto White Balance	AUTO/AUTOEXT/PRESET/Manual (R&B-Gain)	AUTO/AUTOEXT/PRESET/Manual (R&B-Gain)	AUTO/Pushing/Manual (3000K,5000K,8000K,R&B-Gain)	AUTO/Pushing/Manual (3000K,5000K,8000K,R&B-Gain)
Digital Noise Reduction	DNR (Off / Low / Middle / High)	DNR (Off / Low / Middle / High)	DNR (Off / Low / Middle / High)	DNR (Off / Low / Middle / High)
Backlight Compensation	BLC (Off / On)	BLC (Off / On)	BLC (Off / On)	BLC (Off / On)
Wide Dynamic-Range	WDR (Off / Low / Middle / High)	WDR (Off / Low / Middle / High)	WDR (Off / Low / Middle / High)	WDR (Off / Low / Middle / High)
SENS-UP	OFF / x2 / x3 / x4	OFF / x2 / x3 / x4	OFF / x2 / x3 / x4	OFF / x2 / x3 / x4
AGC	Adjustable 0 ~ 10	Adjustable 0 ~ 10	Adjustable 0 ~ 10	Adjustable 0 ~ 10
Color Temperature / R & B-Gain	Adjustable	Adjustable	Adjustable	Adjustable
Mirror Image	MIRROR, FLIP, (Off / On)	MIRROR, FLIP, (Off / On)	MIRROR, FLIP, (Off / On)	MIRROR, FLIP, (Off / On)
Privacy Masking / Camera ID	Support	Support	Support	Support
Motion Detection / Digital Zoom	Support	Support	Support	Support
GENERAL				
Outline Dimension (W x H x D)	0.9 x 0.9 x 1.45" / 23.0 x 23.0 x 37.0mm	0.74 x 0.74 x 2.36" / 19.0 x 19.0 x 60.0 mm	2.32 x 2.32 x 4.02" / 58.93 x 58.93 x 102.1mm	2.32 x 2.32 x 4.02" / 58.93 x 58.93 x 102.1mm
Net Weight	0.11 lbs / 50g (Without Cable)	0.048 lbs / 22g (Without Cable)	0.44 lbs / 200g	0.44 lbs / 200g
Language	English (Selectable)	English (Selectable)	English (Selectable)	English (Selectable)
Construction	Aluminum Alloy	Aluminum Alloy	Aluminum Alloy	Aluminum Alloy
Electrical Ratings	DC12V 150mA	DC12V 150mA	DC12V 400mA	DC12V 400mA
Power Consumption	1.8 W	1.8 W	4.8 W	4.8 W
LENS Mount	Fix 1/2.5" 3.6mm, M12 (Option: 6mm)	Fix 1/2.5" 3.6mm, M12 (Option: 6mm)	-	-
Operating/Storage Temperature	14 ~ 122°F (-10~50°C) / -4 ~ 158°F (-20~70°C)	14 ~ 122°F (-10~50°C) / -4 ~ 158°F (-20~70°C)	14 ~ 131°F (-10 ~ 55°C) / -	14 ~ 131°F (-10 ~ 55°C) / -
Operating Humidity	0% to 90% Non-condensing	0% to 90% Non-condensing	0% to 90% Non-condensing	0% to 90% Non-condensing

HD Camera series

2.1MP 3G/HD-SDI/HDMI
Full HD 1080p
Miniature Camera



Model Name	Hybrid DVRs
	VZ-08HVR
	
VIDEO	
Compression	H.264 (High Profile)
Encoding / Decoding	8ch × 1080p @15fps
Input - Pure Analog	8ch 1080p
Input - Mixed	7ch 1080P (Analog) + 1ch 1080P (Network) 6ch 1080P (Analog) + 2ch 1080P (Network) 1ch 1080P (Analog) + 7ch 1080P (Network)
Input - Pure Network	8ch 1080P / 8ch 960H / 8ch 3M / 8ch 5M
Output - Main Monitor	HDMI and VGA (1920x1080)
AUDIO	
Codec / Two Way Audio	G.711A / Support
RECORDING & PLAYBACK	
Recording Mode	Manual, Event, Timer
Recording Resolution - IP	Up to 5MP (Depending on IP Camera)
Recording Resolution - Analog	Up to 1080p
Performance	8ch Full HD Synchronous Playback
Pentaplex	Live/Record/Playback/Backup/Network
STORAGE	
HDD	2 SATA (Each Supports MAX 6TB)
Backup Device	USB (External) / HDD
Backup Format	BMP, AVI, Proprietary Format
Usage - 1920 x 1080 (1080p) Input	20 ~ 30Gb / Day by Channel- 15 fps/ch
Usage - 1280x720 (720p) Input	0 ~ 20 Gb / Day by Channel- 15 fps/ch
Usage - 960H (Analog) Input	12 ~ 20Gb / Day by Channel- 15 fps/ch
Usage - Audio	691.2 MB / Day by Channel
NETWORK	
Connection	10/100 Base-T
Client Viewer	3G/4G Mobile (iPad / iPhone / Android) Web Viewer - Windows (Firefox)
Remote Setup and Upgrade	Support
PTZ Control	Support Multiple PTZ Protocols
INTERFACE	
CVBS (Composite) In	8 ch BNC (AHD / TVI / CVBS)
CVBS (Composite) Out	1 ch VGA, 1 ch HDMI
Audio In / Out	8 ch RCA / 1 ch RCA
Network Interface	1 - RJ45 10/100M Adaptive Ethernet Port
USB	Front - 1 EA, Rear - 2 EA
RS485	1 EA (PTZ Control)
Alarm Sensor In / Out	4ch / 1ch
GENERAL	
Outline Dimension (W x H x D)	13.77 x 11.61 x 1.77" (350 x 295 x 45 mm)
Net Weight / Gross Weight	4.40 lbs (2.0 kg) / 6.4 lbs (2.90 kg)
Electrical Ratings / Consumption	DC 12V, 2A (1 HDD) / 4A (2 HDD) < 15 W (w/o HDD)
Operating Temperature	14°F ~ 104°F / -10°C ~ 45°C
Operating Humidity	20 % ~ 80 % (Non-condensing)
Atmospheric pressure	86 kPa to 106 kPa



HVR series

8 Channel AHD / TVI / CVBS Hybrid DVRs



MEGAPIXEL LENSES

All Glass Optics | Made in JAPAN | 4 Year Warranty
Presets (pzfi) Available on Zoom Lenses

MP Fixed Focal Length - FA type with Lock Screws

MODEL	RESOLUTION	FORMAT	FOCAL LENGTH	APERTURE	IRIS	MOUNT
VZ-DF8M-3MP-2	3 MP	1"	8 mm	F1.4	Manual	C
VZ-DF12.5M-3MP-2	3 MP	1"	12.5 mm	F1.4	Manual	C
VZ-DF16M-3MP-SWIR	3 MP	1"	16 mm	F1.4	Manual / Short Wave IR	C
VZ-DF25M-3MP-2	3 MP	1"	25 mm	F1.4	Manual	C
VZ-DF25M-3MP-SWIR	3 MP	1"	25 mm	F1.4	Manual / Short Wave IR	C
VZ-DF35M-3MP-2	3 MP	1"	35 mm	F1.4	Manual	C
VZ-DF35M-3MP-SWIR	3 MP	1"	35 mm	F1.4	Manual / Short Wave IR	C

MP Vari-Focal Day/Night (IR)

VZ-B880VIR-MP	1.5 MP	1/2"	8 ~ 80 mm	F1.6	Manual	C
VZ-F312AVDCIR-3MP	3 MP	1/2.7"	3.1 ~ 12 mm	F1.5	DC	CS
VZ-F850AVDCIR-5MP	5 MP	1/2.7"	8 ~ 50 mm	F1.6	DC	CS

MP Fixed Focal Length

VZ-C8M-3MP	3 MP	2/3"	8 mm	F1.4	Manual	CS
VZ-C25M-3MP	3 MP	2/3"	25 mm	F1.4	Manual	C
VZ-C35M-3MP	3 MP	2/3"	35 mm	F1.4	Manual	C
VZ-C8M-5MP	5 MP	2/3"	8 mm	F2.8	Manual	C
VZ-C16M-5MP	5 MP	2/3"	16 mm	F1.4	Manual	C
VZ-C25M-5MP	5 MP	2/3"	25 mm	F1.4	Manual	C
VZ-CH50M-3MP	3 MP	2/3"	50 mm	F2.0	Manual	C
VZ-EH16M-3MP	3 MP	1/1.8"	16 mm	F1.4	Manual	C

MP Motorized & Manual Zoom

MODEL	RESOLUTION	FORMAT	FOCAL LENGTH	ZOOM	APERTURE	IRIS	MOUNT
VZ-C6X11M-MP-6W	3.6 MP	2/3"	11 ~ 66 mm	6X	F1.8	3-Motor	CS
VZ-C6X11DC-MP	3.6 MP	2/3"	11 ~ 66 mm	6X	F1.8	Manual	C

MP Motorized Day/Night Zoom

VZ-D2.7X24MIR-MPZF-6W	4 MP	1"	24 ~ 65 mm	35X	F1.6	3-Motor w/presets	C
VZ-D2.7X24MIR-MP-6W	4 MP	1"	24 ~ 65 mm	2.7X	F1.6	3-Motor	C
VZ-D2.7X24RDCIR-MP-4W	4 MP	1"	24 ~ 65 mm	2.7X	F1.5	DC	CS
VZ-E16X9DCIR-MP-4W	2 MP	1/1.8"	9 ~ 144 mm	16X	F1.6	DC	C
VZ-E16X9DCIR-MP-PZF-4W	2 MP	1/1.8"	9 ~ 144 mm	16X	F1.6	DC-IR w/presets	C



STANDARD LENSES

Since releasing its first Vari-Focal lens, ViewZ has been an innovator of C- and CS- mount lenses that provide an adjustable focal length to meet each particular application need. When your project requires perfect vision, ViewZ can be trusted to deliver a high quality product. For more than 15 years, Viewz has set the standard in optics for innovation and quality across industries including traffic control systems, machine vision, federal & state security, and life sciences.

Vari-Focal						
MODEL	FORMAT	FOCAL LENGTH	APERTURE	IRIS	MOUNT	
VZ-A163VDC	1/3"	1.6 - 3.4 mm	F1.4	DC	CS	
VZ-A555VM	1/3"	5 - 55 mm	F1.4	Manual	CS	
VZ-A582VDC	1/3"	5.5 - 82.5 mm	F1.8	DC	CS	
VZ-B612VM	1/2"	6 - 12 mm	F1.4	Manual	C	
Vari-Focal Day / Night (IR)						
VZ-A308VDCIR	1/3"	3 - 8 mm	F1.2	DC	CS	
VZ-A308AVDCIR	1/3"	3 - 8 mm	F0.95	DC	CS	
Vari-Zoom (Vari-Focal Price, Zoom Lens Performance)						
VZ-A6X65M	1/3"	6.5 - 39 mm	F1.4	Manual	CS	
VZ-A6X65DC	1/3"	6.5 - 39 mm	F1.4	DC	CS	
VZ-B851M	1/2"	8.5 - 51 mm	F1.6	Manual	C	
VZ-B851DC	1/2"	8.5 - 51 mm	F1.6	DC	C	
VZ-B10X85DC	1/2"	8.5 - 85 mm	F1.6	DC	C	
Fixed Focal Length - FA type with Lock Screws						
VZ-BF6M-2	1/3"	6 mm	F1.0	Manual	C	
VZ-BF12M-2	1/2"	12 mm	F1.0	DC	C	
VZ-BF35M	1/2"	35 mm	F1.4	Manual	C	
VZ-CF16M-2	1/2"	16 mm	F1.4	DC	C	
Manual Zoom						
MODEL	FORMAT	FOCAL LENGTH	ZOOM	APERTURE	IRIS	MOUNT
VZ-B6X8M-Mold	1/2"	8 - 48 mm	6X	F1.0	Manual	C
VZ-C6X11DC	2/3"	11.5 - 69 mm	6X	F1.4	DC	C

Lenses from ViewZ USA have been recognized by various customers for providing exceptional value and exceeding their needs throughout the world with high standard Japanese quality at global-standard prices. ViewZ lenses are intended for more than just the security market as we continue to develop lenses that are designed to work in all the market channels listed below.

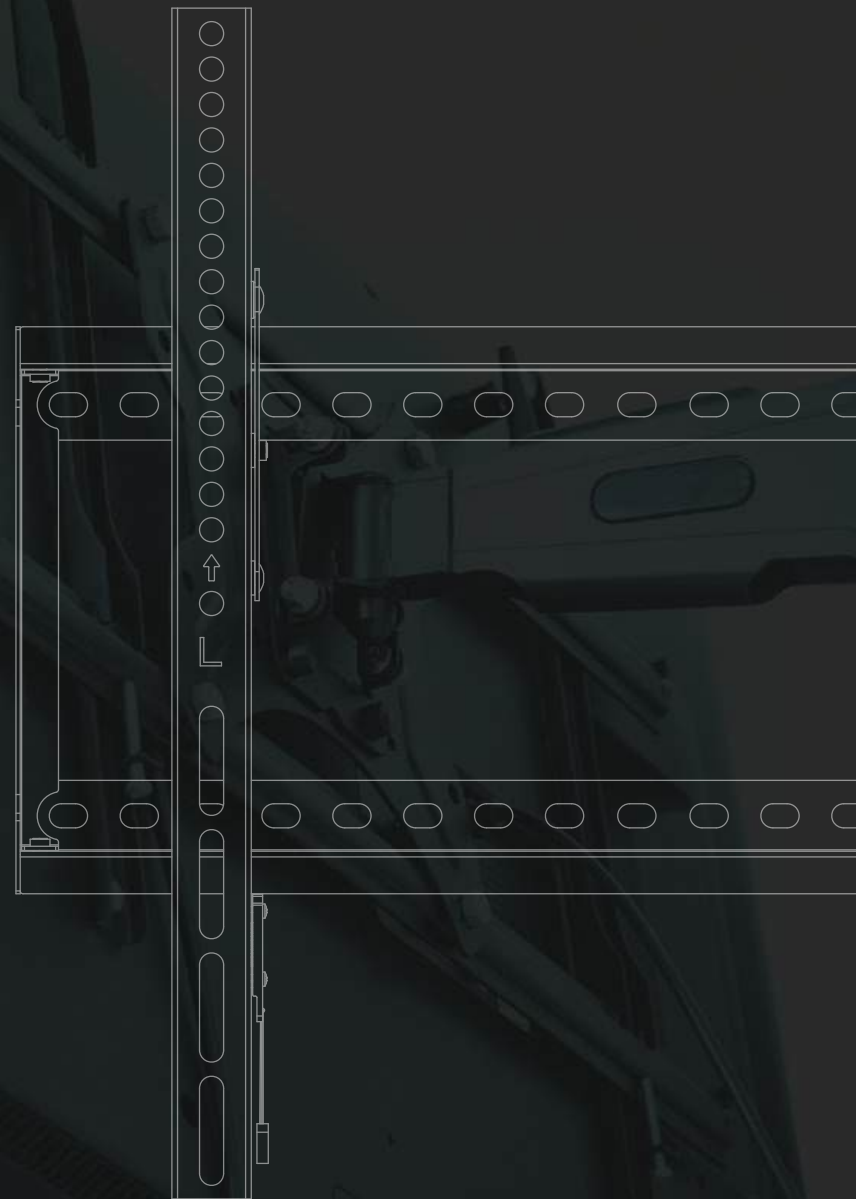
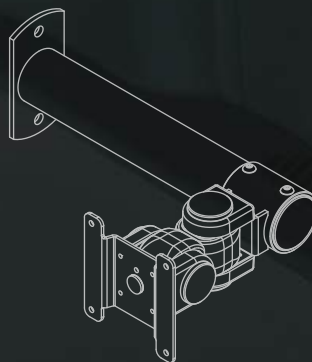
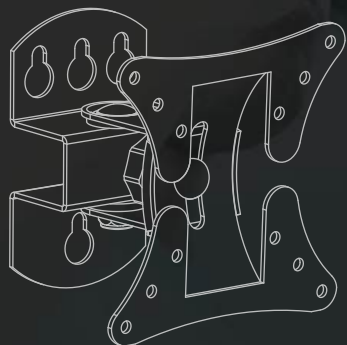
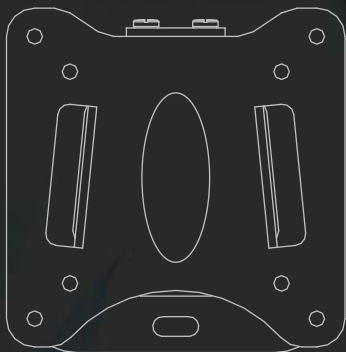
- Airports, Banking and Finance Industries
- Central Monitoring Stations, Casinos and Gaming Industries
- Commercial, Education, Government and Healthcare Industries
- Machine Vision, Ports and Railways Industries
- Residential, Retail, Sports and Leisure Industries
- Traffic Monitoring and Utilities Industries

Fixed Focal Length						
MODEL	FORMAT	FOCAL LENGTH	APERTURE	IRIS	MOUNT	
VZ-AF2.8DC	1/3"	2.8 mm	F1.3	DC	CS	
VZ-AF4M	1/3"	4 mm	F1.2	Manual	CS	
VZ-AF4DC	1/3"	4 mm	F1.2	DC	CS	
VZ-AF8M	1/3"	8 mm	F1.2	Manual	CS	
VZ-AF8DC	1/3"	8 mm	F1.2	DC	CS	
VZ-BF3.5DC	1/2"	3.5 mm	F1.6	DC	C	
VZ-BF6DC	1/2"	6 mm	F1.4	DC	C	
VZ-BF35DC	1/2"	35 mm	F1.2	DC	C	
VZ-CF4.8M	2/3"	4.8 mm	F1.8	Manual	C	
VZ-CF4.8DC	2/3"	4.8 mm	F1.8	DC	C	
VZ-CF4.8AI	2/3"	4.8 mm	F1.8	Video	C	
VZ-CF7.5AI	2/3"	7.5 mm	F1.4	Video	C	
VZ-CF50M	2/3"	50 mm	F1.8	Manual	C	
VZ-DF25M	1"	25 mm	F1.4	Manual	C	
VZ-DF25AI	1"	25 mm	F1.4	Video	C	
VZ-DF50DC	1"	50 mm	F1.8	DC	C	
VZ-DF50M	1"	50 mm	F1.8	Manual	C	
VZ-DF50AI	1"	50 mm	F1.8	Video	C	
VZ-DF75DC	1"	75 mm	F1.8	DC	C	
VZ-DF75AI	1"	75 mm	F1.8	Video	C	
STANDARD - Motorized Zoom Lenses						
MODEL	FORMAT	FOCAL LENGTH	ZOOM	APERTURE	IRIS	MOUNT
VZ-A6X6.5MAI-4W	1/3"	6.5 - 39 mm	6X	F1.0	Video	CS
VZ-A10X6.5M-PZFI-6W	1/3"	6.5 - 65 mm	10X	F1.4	3-Motor with presets	CS
VZ-A10X6M-PZFI-6W	1/3"	6 - 60 mm	10X	F1.0	3-Motor with presets	CS
VZ-B21X10M-6W	1/2"	10 - 210 mm	21X	F1.5	3-Motor	C
VZ-B21X10M-PZFI-6W	1/2"	10 - 210 mm	21X	F1.5	3-Motor with presets	C
VZ-C10X10MAI-4W	2/3"	10 - 100 mm	10X	F1.4	Video	C

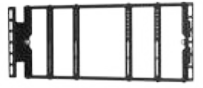


WALL MOUNTS

ViewZ offers a variety of wall mounts for monitors of all sizes ranging from simple flat wall mounts to swinging & articulating mounts. Also available is a spring-loaded scissor type video wall mount made for ViewZ video wall monitors.



A wall mount is a bracket or fixture designed to attach an object securely to a wall, often used for TVs, monitors, shelves, or artwork. It helps save space, improve viewing angles, and organize items. There are different types of wall mounts, including fixed, tilting, and full-motion mounts, each offering varying degrees of adjustment and flexibility.

Model Name	Wall Mounts		Model Name	Universal Rack Mount
	VZ-WM02	VZ-SM01		VZ-RMK08
				
SPECIFICATION			SPECIFICATION	
Affordable Monitor Size	10 ~ 19"	10 ~ 19"	Affordable Monitor Size	8 ~ 21.5"
Mount	VESA 75x75	VESA 75x75 / 100x100	Mount	Universal & VESA 75x75/100x100
Profile / Extension	12.67" (322 mm) / -	- / 12.9 ~ 18.9" (327 ~ 479 mm)	Extension / Construction	1.45 ~ 3.14" (37 ~ 80 mm) / Metal
Load Capacity	Max. 22 lbs / 10 kgs	Max. 5 lbs / 2.3 kgs	Load Capacity	Max. 20.4 lbs / 9.25 kg
Construction	Metal	Metal	Tilt	±35° (less 20°) ±22° (over 20°)
Tilt (Vertical)	-90° ~ 90°	-	Rack	5U
Swivel / Pan (Pivot)	360° / -90° ~ 90°	-90° ~ 90° / -35° ~ 35°	Net / Gross Weight	3.08 lbs (1.4 kg) / 5.07 lbs (2.3 kg)
Weight	2.65 lbs (1.2kg)	6 lbs (2.72 kg)	Dimension (W x H x D)	18.9 x 7.4 x 2.8" (481 x 189 x 71mm)
Dimension (W x H x D)	5.5 x 4 x 12.7" (139 x 101 x 322 mm)	4.5 x 6.5 x 18.9" (115 x 165 x 479 mm)	DIM (W x H x D)	17.3 x 7.2 x 1.8" (439 x 183 x 46 mm)
Compatible ViewZ Monitor	VZ-101RTC, VZ-17/19RTN, 10" AI/IP/HD PVM-N, 10" IP PVM-P 13 & 15" Smart AD PVM	VZ-101RTC, 10" AI/IP/HD PVM-N, 10" IP PVM-P, 13" Smart AD PVM -	Compatible ViewZ Monitor	VZ-101RTC, VZ-17/19RTN VZ-19CMP, VZ-22CMP, VZ-215LED-L1

Model Name	Wall Mounts					
	VZ-WM05	VZ-WM11	VZ-AM02-A	VZ-WM50	VZ-AP200	VZ-AM03
						
SPECIFICATION						
Affordable Monitor Size	10 ~ 27"	10 ~ 27"	10 ~ 43"	27 ~ 43"	23 ~ 32"	43 ~ 65"
Mount	VESA 75x75 / 100x100	VESA 50x50 / 75x75 / 100x100	VESA 75x75 / 100x100 / 200x100 200x200	VESA Min. 50 x 50 / Max. 400 x 400 Universal Pattern Range	VESA 50x50 / 75x75 / 100x100 200x100 / 200x200	VESA Min.200x200 ~ Max.600x400 Universal Pattern Range
Profile / Extension	0.55" (14 mm) / -	3.54" (90mm) / -	- / 2.3 ~ 14" (58.42 ~ 355.6 mm)	1.745" (37 mm) / -	0.07" (2 mm) / -	- / 2.7 ~ 25" (69 ~ 635 mm)
Load Capacity	Max. 66 lbs / 30 kgs	Max. 66 lbs / 30 kgs	Max. 44 lbs / 20 kgs	Max. 165 lbs / 75 kgs	Max. 66 lbs / 30 kgs	Max. 143.3 lbs / 65 kgs
Construction	Metal	Metal	Metal	Metal	Metal	Metal
Tilt / Level	- / -	-20° ~ 20° / -	-5° ~ 12° / -3° ~ 3°	- / 8° ~ 0°	-	-15° ~ 5° / 3° ~ 3°
Swivel (Pan)	-	-30° ~ 30°	-90° ~ 90°	-	-	-60° ~ 60°
Net Weight	1.35 lbs (0.61 kg)	0.85 lbs (0.38kg)	4.5 lbs (2.04 kg)	4 lbs (1.81 kg)	2 lbs (0.9 kg)	20.17 lbs (9.15 kg)
Dimension (W x H x D)	4.7 x 4.7 x 0.55" (120 x 120 x 14 mm)	4.5 x 4.4 x 3.54" (115 x 113 x 90 mm)	9 x 8.4 x 14" (228.6x213.4x355.6mm)	17.2 x 16.5 x 1.45" (438x420x37 mm)	8.66 x 8.66 x 0.07" (220 x 220 x 2 mm)	27 x 16.9 x 25" (685.8x430x635 mm)
Compatible ViewZ Monitor	VZ-101RTC, VZ-17/19RTN, VZ-19/22/24/27 CMP, VZ-215D2IP-L, VZ-215LED-L1, VZ-24/32 IPM, 10" IP/HD PVM-N, 10" IP PVM-P, 23" IP PVM, 13 & 15" SmartADPVM		VZ-17/19RTN, VZ-24/32 IPM, VZ-215D2IP-L, VZ-19/22/24/27 CMP, 23" IP-PVM-N, 13&15" Smart AD PVM	VZ-32/43CMP, VZ-32IPM, VZ-32CGM, 27 & 32" IP PVM-N, 32 & 43" Smart AD PVM	VZ-32/43CMP, VZ-24/32IPM, 27 & 32" IP PVM-N, 32 & 43" Smart AD PVM	VZ-43CMP, VZ-55EHB/ENB/SHB/SNB, VZ-49/55UNBS, VZ-49/55/65 UHD, 32 & 43" Smart AD PVM

Model Name	Video Wall Mounts	
	VZ-WM71	VZ-XMS
		
SPECIFICATION		
Affordable Monitor Size	43 ~ 65"	43 ~ 65"
Mount	VESA Min.200x200 ~ Max.800x400 Universal Pattern Range	VESA Min.200x200 ~ Max.800x400 Universal Pattern Range
Profile / Extension	1.8" (45 mm) / -	- / 3.74 ~ 11.22" (95 ~ 285 mm)
Load Capacity	Max. 165 lbs / 75 kgs	Max. 154 lbs / 70 kgs
Construction	Metal	Metal
Tilt	-10° ~ 0°	- 2° ~ +4° (Ver) / ± 3° (Hor)
Height/Depth Adjustment	-	25 mm / 20 mm
Weight	6.35 lbs (2.88 kg)	25.0 lbs (11.33 Kg)
Dimension	34 x 17.3 x 1.97" (864 x 440 x 50 mm)	44.6 x 19.0 x 11.22" (1134x519x285mm)
Compatible ViewZ Monitor	VZ-55 EHB/ENB/SHB/SNB, VZ-49/55UNBS, VZ-49/55/65 UHD	VZ-55 EHB/ENB/SHB/SNB, VZ-49/55UNBS, VZ-49/55/65 UHD,

Model Name	Free Standing Mounts		
	VZ-FSM2X2	VZ-FSM3X2	VZ-FSM3X3
			
SPECIFICATION			
Affordable Monitor Size	49 ~ 65"	49 ~ 65"	49 ~ 65"
Mount	VESA Min.100x100 ~ Max.600x400 Universal Pattern Range	VESA Min.100x100 ~ Max.600x400 Universal Pattern Range	VESA Min.100x100 ~ Max.600x400 Universal Pattern Range
Height Range per Screen	- 7.5 ~ + 7.5 mm	- 7.5 ~ + 7.5 mm	- 7.5 ~ + 7.5 mm
Load Capacity	Max. 99.02 lbs / 45 kgs per screen	Max. 66 lbs / 30 kgs per screen	Max. 66 lbs / 30 kgs per screen
Construction	Metal	Metal	Metal
Tilt	- 7.5 ~ 7.5°	- 3° ~ 3°	- 4° ~ + 4°
Depth / Level	Adjustable	Adjustable	Adjustable
Weight	112.92 lbs (51.22 Kg)	TBD	244.71 lbs (111 kg)
Dimension	74.8x77.2x31.9" (1900x1961x810mm)	137x77.5x32" (3490x1970x814mm)	137x106x47.2" (3480x2700x1200mm)
Compatible ViewZ Monitor	VZ-55 EHB/ENB/SHB/SNB, VZ-49/55UNBS, VZ-49/55/65 UHD, VZ-75/86IBX-T	VZ-55 EHB/ENB/SHB/SNB, VZ-49/55UNBS, VZ-49/55/65 UHD, VZ-75/86IBX-T	VZ-55 EHB/ENB/SHB/SNB, VZ-49/55UNBS, VZ-49/55/65 UHD, VZ-75/86IBX-T

VIDEO WALL MOUNTS

Universal mounting solutions
for a variety of installations



The ViewZ mount lineup includes various styles to accommodate most commercial installations for various video wall monitors. ViewZ video wall mounts are also designed for ease of installation and adjustment.

POLE MOUNTS

Mounting your CCTV monitor just got easier with Pole Mount Bracket from VIEWZ! Whether you want to update your current monitor stand's VESA standard or add mounting capability to an existing pole, this sturdy bracket has you covered. It holds one 10" to 27" screen weighing up to 22 lbs with VESA 75x75 mm and 100x100 mm mounting hole patterns.

ADJUSTABLE DESIGN

Made to fit pole diameters from 1" to 2.5", this sturdy mount lets you update your monitor stand's VESA and create alternative mounting solutions for poles within the diameter range.

SCREEN ARTICULATION

Once your screen is mounted, enjoy comfortable viewing angles with -90° to +90° TILT, 180° SWIVEL, and 360° PAN rotation. The screen can be placed in portrait or landscape orientation for the desired layout.

Model Name	Pole Mounts		
	VZ-SCM-S	VZ-SCM	VZ-SCM-SQ
			
SPECIFICATION			
Affordable Monitor Size	10 ~ 19"	10 ~ 19"	10 ~ 19"
Mount	VESA 75x75 / 100x100 Mount to 1.25 (32) ~ 2.5" (64mm) pole	VESA 75x75 Mount to 1.25 (32) ~ 2.5" (64mm) pole	VESA 75x75 / 100x100 Mount to 1 (25) ~ 2" (51mm) pole
Profile	-	3.22" ~ 15.41" (82 ~ 392 mm)	3.22" ~ 15.41" (82 ~ 392 mm)
Load Capacity	Max. 22 lbs / 10 kg	Max. 22 lbs / 10 kg	Max. 22 lbs / 10 kg
Construction	Metal	Metal	Metal
Tilt	± 90° Tilt Up & Down	± 90° Tilt Up & Down	± 90° Tilt Up & Down
Swivel / Pan	-90° ~ 90° / 360° rotation	-90° ~ 90° / 360° rotation	-90° ~ 90° / 360° rotation
Weight	2.05 lbs / 0.93 kg	6 lbs / 2.72 kg	4.1 lbs / 1.85 kg
Dimension (W x H x D)	4.7 x 4.7 x 5.4" (120x120x137mm)	4.72x3.54x15.41" (120 x 90 x 392mm)	4.7 x 3.5 x 15.41" (120 x 90 x 392mm)
Compatible ViewZ Monitor	VZ-101RTC, VZ-17/19RTN, VZ-24IPM, VZ-19/22/24/27CMP, 10" IP/HD PVM, 13 & 15" Smart AD PVM	VZ-101RTC, VZ-17/19RTN, VZ-22/24CMP, 10" IP/HD PVM, 13 & 15" Smart AD PVM	VZ-101RTC, VZ-17/19RTN, VZ-24IPM, VZ-19/22/24/27CMP, 10" IP/HD PVM, 13 & 15" Smart AD PVM



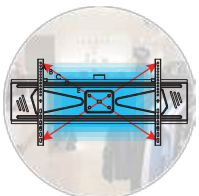
CABLE MANAGEMENT

Built-in cable management hides unsightly cable clutter and prevents cable pinching when used in low-voltage applications



DURABLE & CORROSION RESISTANT FINISH

ViewZ telescoping ceiling mounts are finished in powder coating for maximum durability and corrosion resistance.



UNIVERSAL COMPATIBILITY

ViewZ brings you a universal tilting premium CCTV mount that was designed for saving space and creating optimum viewing pleasure as it features a bracket design that mounts to ceilings. It fits any 43 to 65 inch ViewZ CCTV videowall monitor.



ADJUSTABLE HEIGHT

The monitor holder features a height adjustable arm from 10 ~ 70". It is also tilt adjustable to -5° ~ $+12^{\circ}$ providing maximum comfort and viewing experience. Also features internal cable routing and management for clean installation.

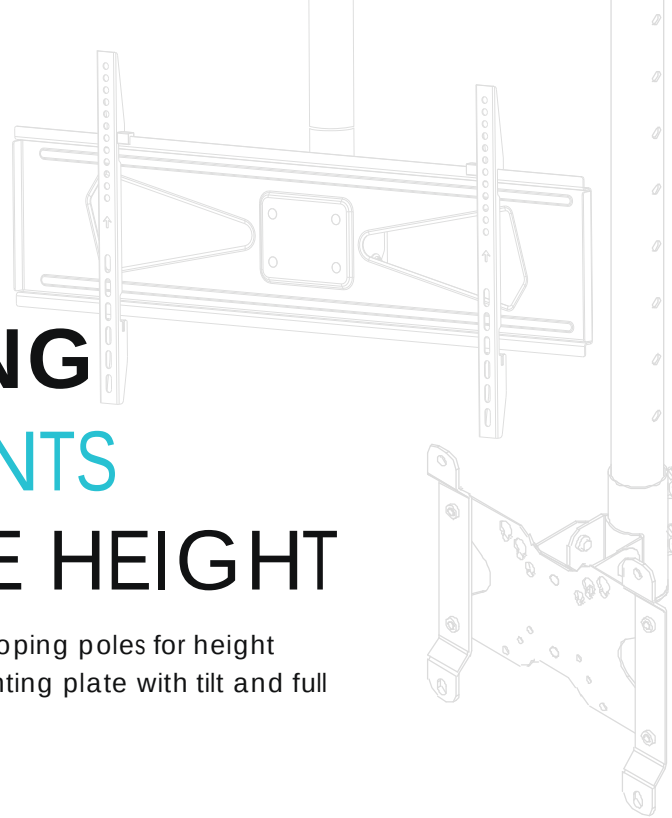


CEILING MOUNTS

Ceiling mounts tilt and swivel in all directions for multiple viewing angle

TELESCOPING POLE MOUNTS ADJUSTABLE HEIGHT

ViewZ ceiling mounts feature telescoping poles for height adjustment as well as monitor mounting plate with tilt and full rotation for optimal viewing angles.



Model Name	Telescopic Ceiling Mounts	
	VZ-CM308	VZ-CM-EB / VZ-CM-EW
		
SPECIFICATION		
Affordable Monitor Size	17 ~ 43"	-
Mount	VESA 50 x 50 ~ 200 x 200	-
Installation Range	3 to 5.25 ~ 8 ft / 0.94 to 1.57 ~ 2.45 m	3.08 ft ~ 5.24 ft / 0.95 ~ 1.59 m
with CM-EW/B	3 to 5.25 ~ 18 ft / 0.94 to 1.57 ~ 5.48 m	-
Load Capacity / Construction	Max. 66.1 lbs (30.0 kg) / Metal	Metal
Tilt / PAN Rotation	-5° ~ 45° / 360°	-
PAN Rotation	360°	-
Net / Gross Weight	16.09 lbs (7.3kg) / 18.29 lbs (8.3kg)	5.51 lbs (2.5 kg) / 6.17 lbs (2.8 kg)
Dimension - Plate (W x H x D)	9.1 x 8.66 x 5.6" (230 x 220 x 142 mm)	-
Dimension - Pole (R x Length)	TOP: Ø1.25 x 32.67" / Ø32 x 830 mm MID: Ø1.49 x 33.26" / Ø38 x 845 mm Bottom: Ø1.25 x 32.67" / Ø32 x 830 mm	TOP: Ø1.25 x 32.67" / Ø32 x 830 mm MID: Ø1.49 x 33.26" / Ø38 x 845 mm
Compatible ViewZ Monitor	23, 27 & 32" AI/IP PVM-N, 32 & 43" Smart AD PVM, VZ-32/43CMP, VZ-34CGM	

Model Name	Ceiling Mounts						
	VZ-CMKit-01	VZ-CMKit-02	VZ-CMKit-03	VZ-CMKit-06	VZ-CMKit-04	VZ-CMKit-05	VZ-CMKit-07
							
SPECIFICATION							
Affordable Monitor Size	23 ~ 43"	23 ~ 43"	23 ~ 43"	23 ~ 43"	43 ~ 65"	43 ~ 65"	43 ~ 65"
Mount	VESA Min.75x75 ~ Max.200x200	VESA Min.75x75 ~ Max.200x200	VESA Min.75x75 ~ Max.200x200	VESA Min.75x75 ~ Max.200x200	VESA Min.200x200 ~ Max.800x400	VESA Min.200x200 ~ Max.800x400	VESA Min.200x200 ~ Max.800x400
Installation Range/Extension	-	35.43" (900 mm)	14.55" (369.57 mm)	35.43" (900 mm)	35.43" (900 mm)	14.55" (369.57 mm)	35.43" (900 mm)
Load Capacity	Max. 110 lbs / 50 kg	Max. 110 lbs / 50 kg	Max. 110 lbs / 50 kg	Max. 110 lbs / 50 kg (for each head)	Max. 110 lbs / 50 kg	Max. 110 lbs / 50 kg	Max. 110 lbs / 50 kg (for each head)
Construction	Metal	Metal	Metal	Metal	Metal	Metal	Metal
Tilt	5° (Up) ~ 12° (Down)	-12° ~ 5° (Mount Head) / ±80° (Top)	-12° ~ 5° (Mount Head) / ±80° (Top)	-12° ~ 5° (Mount Head) / ±80° (Top)	-12° ~ 5° (Mount Head) / ±80° (Top)	-12° ~ 5° (Mount Head) / ±80° (Top)	-12° ~ 5° (Mount Head) / ±80° (Top)
Level		±5° (Mount Head Level)	±5° (Mount Head Level)	±5° (Mount Head Level)	±5° (Mount Head Level)	±5° (Mount Head Level)	±5° (Mount Head Level)
PAN Rotation	360°	360°	360°	360°	360°	360°	360°
Weight	6.21 lbs / 2.82 kg	10.78 lbs / 4.89 kg	8.31 lbs / 3.78 kg	13.95 lbs / 6.3 kg	17.98 lbs / 8.16 kg	15.55 lbs / 7.04 kg	28.96 lbs / 13.14 kg
Dimension - Plate (W x H x D)	8.7 x 9.9 x 3.54" (220x252x90 mm)	8.7 x 9.9 x 3.54" (220x252x90 mm)	8.7 x 9.9 x 3.54" (220x252x90 mm)	8.7 x 9.9 x 7.67" (220x252x195 mm)	35.6 x 17.3 x 4" (904x440x103 mm)	35.6 x 17.3 x 4" (904x440x103 mm)	35.6 x 17.3 x 8.4" (904x440x214 mm)
Dimension - Pole (R x Length)	Ø 1-1/2" x 3" / Ø 38.1 x 76mm	Ø 1.88 x 35.43" / Ø 48 x 900mm	Ø 2.3x8.7~14.55"/58.9x221~369.6mm	Ø 1.88 x 35.43" / Ø 48 x 900mm	Ø 1.88 x 35.43" / Ø 48 x 900mm	Ø 2.3x8.7~14.55"/58.9x221~369.6mm	Ø 1.88 x 35.43" / Ø 48 x 900mm
Compatible ViewZ Monitor	VZ-34CGM, VZ-32IPM, VZ-27/32/43CMP, 23", 27" & 32" AI/IP PVM-N, 32 & 43" Smart AD PVM				VZ-43CMP, VZ-49/55UNBS, VZ-55 EHB & ENB, VZ-55 SHB & SNB, VZ-49/55UHD		

POWER SUPPLY

Efficiency, Affordability & Durability



PSU - AC / DC CONVERTER

ViewZ AC/DC converter reduces power consumption and increase efficiency, essential for powering the majority of mains equipment. When combined together, ST power factor corrector,



MISSION CRITICAL INSTALLATION

ViewZ AC/DC and AC/AC power converters are made to deliver for mission critical installations. ViewZ PSU, PE and DC24-320 series products are ideal for various installations for all security equipment.



VZ-DC24-320

OUTPUT 24V DC / 320W POWER TRANSFORMER

OUTPUT VOLTAGE DC 24V

INPUT VOLTAGE 88 ~ 264 VAC, 124 ~ 370 VDC

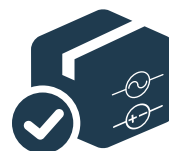
EFFICIENCY 89%

ENCLOSURE Steel w/ securable Door

SAFETY UL/cUL - IEC 60950-1

KEY FEATURES

- 20 ~ 26.4 V adjustable voltage for increased life-span
- Fully tested for 23", 27", 32", 43" dual voltage HD-PVM-N, IP PVM-N and Smart AD PVM series
- Built-in active PFC (power factor correction) function - power factor > 0.95
- A low profile enclosed power supply with PFC function
- 30mm low profile design for 1U installation
- Conformal coating and green LED per output
- Over voltage / overload / over current / short-circuit protection



TESTED PRODUCTS

ViewZ PSU and DC-24-320 converters are some of the most important pieces of equipment required for operating ViewZ security products. Therefore, they are put through rigorous tests and quality-control procedures for optimal and reliable performance.



SAFETY / EMI STANDARDS

ViewZ knows that safety is critical and ensures the power supplies and converters all meet safety and EMI standards.



VZ-PE24

OUTPUT 48V DC / 24W PoE INJECTOR

ETHERNET OUTPUT VOLTAGE DC 48V / 24W

INPUT VOLTAGE 90 ~ 240V AC, 47/63Hz, 0.6A

ENCLOSURE PC material

SAFETY UL/cUL - IEC 60950-1:2005+A1

EMI EN55022:2010, EN55024:2010, FCC Class B, EU, AR, BR, UL/cUL, CCC, Mexico, RCM

KEY FEATURES

- Single-port gigabit PoE midspan
- Safety : UL60950-1, IEC 60950-1:2005+A1
- EMI : FCC Class B, EN55022:2010, EN55024:2010
- Supports 10/100/1000 Base-T applications
- Internal AC/DC converter
- Automatic detection and protection against non-standard Ethernet terminals
- Compact design fits easily in WLAN access point and IP cameras installations





VZ-PSU2-N

OUTPUT 12V DC / 36 W AC/DC POWER CONVERTER

OUTPUT VOLTAGE DC 12V / 36 W

OUTPUT CURRENT 3 A

INPUT VOLTAGE 100 ~ 240V AC, 50/60Hz, 1.5 A

ENCLOSURE PC, ABS, or equivalent

SAFETY UL, KCC, CCC, TUV/GS, PSE, C-Tick

EMI CE, FCC/cUL, GB, PSE



KEY FEATURES

- Fully testified for 10.1" RTC, 17" & 19" RTN and 19", 22" & 24" CMP, CME models
- Green "power on" LED indicator
- Energy efficiency rating: V
- Compact & lightweight
- Complies with international safety standards & environmental protection requirements
- Over-voltage / overload / over-current/ short circuit protection
- Complies with Environmental Protection Requirements
- Long life span: 50,000 hours MTBF



VZ-PSU2N-24

OUTPUT 24V DC / 48 W AC/DC POWER CONVERTER

OUTPUT VOLTAGE DC 24V / 48 W

OUTPUT CURRENT 2 A

INPUT VOLTAGE 100 ~ 240V AC, 50/60Hz, 1.5 A

ENCLOSURE PC, ABS, or equivalent

SAFETY UL, KCC, CCC, TUV/GS, PSE, C-Tick

EMI CE, FCC/cUL, CCC, PSE



KEY FEATURES

- Fully testified for 19", 22", 24" and 27" CMP models
- Green "power on" LED indicator
- Energy efficiency rating: VI
- Compact & lightweight
- Complies with international safety standards & environmental protection requirements
- Over-voltage / overload / over-current/ short circuit protection
- Complies with Environmental Protection Requirements
- Long life span



VZ-PSU3N-24

OUTPUT 24V DC / 64.8 W AC/DC POWER CONVERTER

OUTPUT VOLTAGE DC 24V / 64.8 W

OUTPUT CURRENT 2.7 A

INPUT VOLTAGE 100 ~ 240V AC, 50/60Hz, 1.5 A

ENCLOSURE PC, ABS, or equivalent

SAFETY UL, KCC, CCC, TUV/GS, PSE, C-Tick

EMI CE, FCC/cUL, CCC, PSE



KEY FEATURES

- Fully testified for 32" CMP model
- Green "power on" LED indicator
- Energy efficiency rating: VI
- Compact & lightweight
- Complies with international safety standards & environmental protection requirements
- Over-voltage / overload / over-current/ short circuit protection
- Complies with Environmental Protection Requirements
- Long life span



VZ-PSU4N-24

OUTPUT 24V DC / 100.8 W AC/DC POWER CONVERTER

OUTPUT VOLTAGE DC 24V / 100.8 W

OUTPUT CURRENT 4.2 A

INPUT VOLTAGE 100 ~ 240V AC, 50/60Hz, 3.0 A

ENCLOSURE PC, ABS, or equivalent

SAFETY UL, KCC, CCC, TUV/GS, PSE, C-Tick

EMI CE, FCC/cUL, CCC, PSE



KEY FEATURES

- Fully testified for 43" CMP model
- Green "power on" LED indicator
- Energy efficiency rating: VI
- Compact & lightweight
- Complies with international safety standards & environmental protection requirements
- Over-voltage / overload / over-current/ short circuit protection
- Complies with Environmental Protection Requirements
- Long life span

PRODUCT APPLICATIONS

Find a variety of business stories
whose values are increased by
ViewZ Display



CMP, RTN, RTC



- Commercial Global Accounts
- Federal / State Government
- Retail & Distribution

CGM



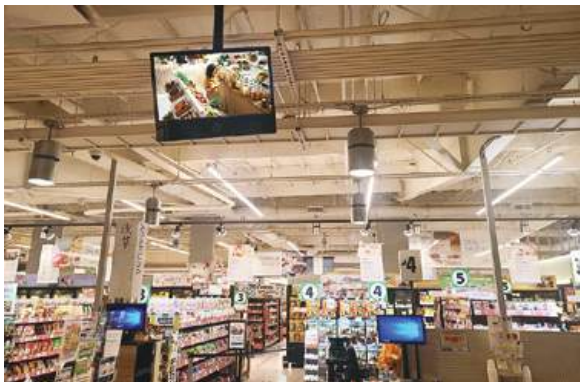
- Data Centers
- Commercial Global Accounts
- K-12 / Higher Education

IPM



- Healthcare
- Financial
- Transportation

PVM



- Retail
- K-12 / Higher Education
- Healthcare

VIDEO WALL



- Data Centers
- Federal / State Government
- Transportation

Interactive 4K Displays



- K-12 / Higher Education
- Commercial Offices
- Hospitality

PRODUCT LINEUP BROCHURE



ViewZ USA
1030 N Armando St
Anaheim, CA 92806

Sales

E sales@viewzusa.com
T 1-714-996-1177
F 1-714-996-1138
Tf 1-888-99-ViewZ
S Monday-Friday 7AM - 5PM

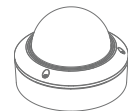
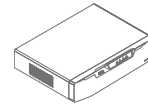
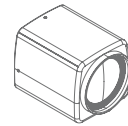
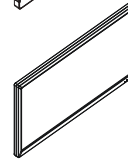
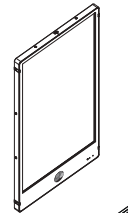
Technical Support

E techsupport@viewzusa.com
T 1-714-996-1177
S Monday-Friday 8AM - 5PM

PROFESSIONAL MONITORS

Grade "A" Panels, 24/7 Operation
and 3 Year Factory Warranty

ViewZ monitors are built with commercial grade "A" panels that have superior color reproduction and much higher reliability. Built to run 24/7, ViewZ monitors are made to last and backed with 3 year factory warranty.



SECURITY

BRINGING INNOVATION TO COMMERCIAL GRADE MONITORS

COMPLETE VIDEO WALL & DIGITAL SIGNAGE SOLUTIONS

VIDEO WALL DISPLAYS, PROCESSORS & MOUNTING OPTIONS

LENSES

WIDE VARIETY OF MODELS AVAILABLE, ALL GLASS OPTICS,
MADE IN JAPAN, 4 YEAR WARRANTY

DVR

TRUE HYBRID DVRS

CAMERA

FULL HD OVER-COAX AHD, TVI, CVI & CVBS AND IP CAMERAS

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* Availability of product may vary by country / region.

* Product specifications in this brochure can change. Please confirm details on our website.

For more information, please visit

www.ViewZUSA.com