

VZ-LED SERIES

21.5" 3G-SDI/HDMI 4K BROADCAST MONITOR

VZ-215LED-B USER MANUAL



ViewZ[®]
www.viewzusa.com

Please read this manual thoroughly before use, and keep it handy for future reference.

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SAFETY INSTRUCTION

Important Safety Instruction

1. Read all warnings.
2. Follow all instructions to ensure longevity of monitor.
3. Do not place the monitor near water.
4. Clean only with dry cloth.
5. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
6. Do not install near any heat sources such as radiators, heat registers, stoves, or other heat generating devices.
7. Do not override the safety purpose of the polarized or grounding-type plug.
8. A polarized plug has two blades with one wider than the other.
9. A grounding type plug has two blades and a third grounding prong.
10. The wide blade or the third prong are provided for your safety.
11. If the provided plug does not fit into your outlet, consult with electrician for replacement of the outlet.
12. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles and the point where it connects to the monitor.
13. Only use attachment/accessories specified by the manufacturer.
14. Use only with the cart, stand, tripod, bracket or table specified by the manufacturer or sold with the monitor. When a cart is used, use caution when moving the cart & monitor in combination to avoid injuries.
15. Unplug the monitor during lightning storms or when unused for long periods of time.
16. Refer all servicing to qualified service personnel. Servicing is required when the monitor has been damaged in any way.



The monitor shall not be exposed to dripping or splashing and objects containing liquids, such as vases shall be placed near the monitor.

The monitor should have ample distance (e.g. 10cm) from the wall for sufficient ventilation.

The device has been tested for conformance to safety regulations and requirements, and has been certified for international use. However, like all electronic equipment, the device should be used with care. Please read and follow the safety instructions to protect yourself from possible injury and to minimize the risk of damage to the unit.

FCC RF INTERFERENCE STATEMENT

Note

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment.

This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio, TV technician for help.
- Only shielded interface cable should be used.

Finally, any changes or modifications to the equipment by the user not expressly approved by the grantee or manufacturer could void the users authority to operate such equipment.

► DOC COMPLIANCE NOTICE

This digital apparatus does not exceed the Class A limits for radio noise emissions from digital apparatus set out in the radio interference regulation of Canadian Department of communications.

Statement

- VGA and XGA are the registered trademark of IBM.
- VESA is the trademark of Video Electronics Standard Association.
- HDMI, HDMI logo and High-Definition Multimedia Interface (high definition multimedia digital interface) are the trademark or registered trademark of HDMI Licensing LLC.

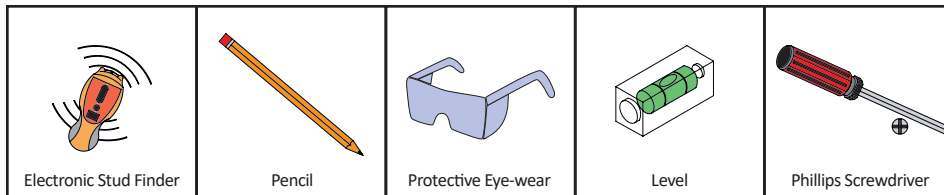


If some company or product trademark is not particularly stated, the use of trademark has been fully recognized. Do not alter, decompile, disassemble, decode or conduct reverse engineering to the software installed in the product, or it can be deemed as breach of the law.

INSTALLATION





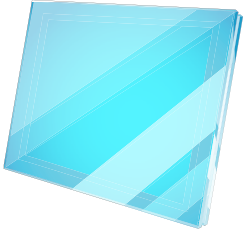
Installation Tools

The following tools may be required depending on your installation.



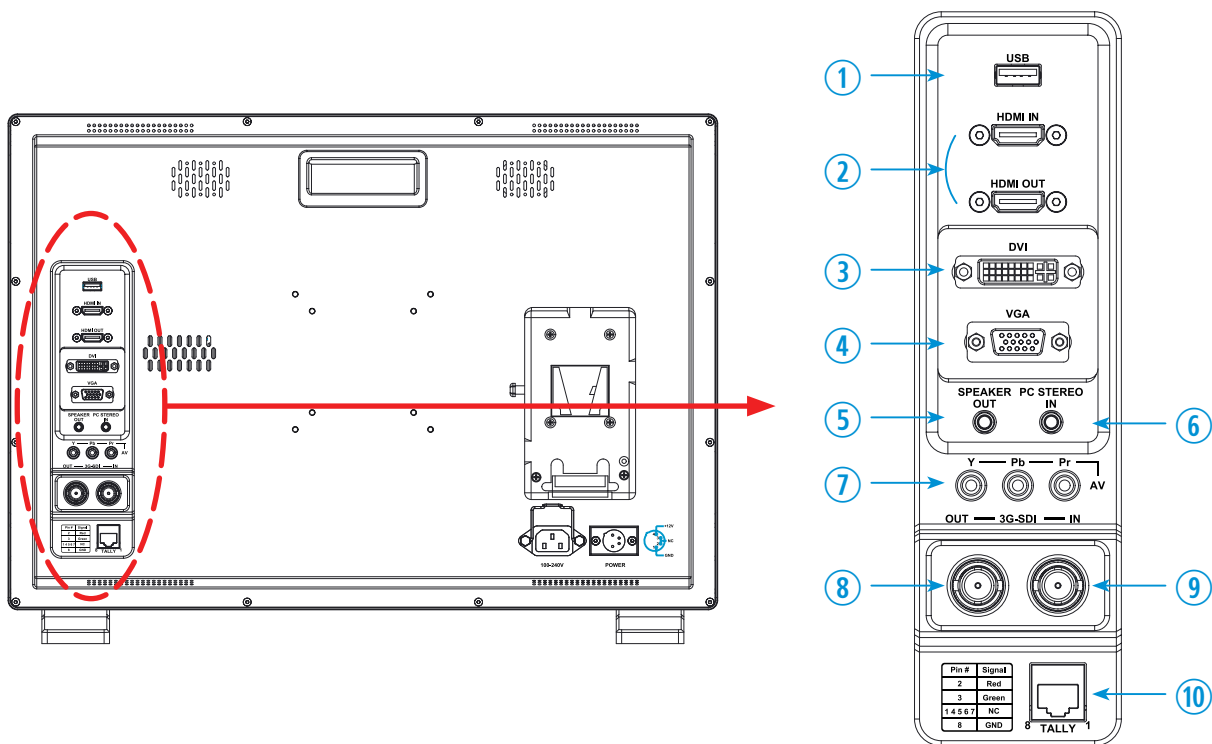
Assembly Components - provided

Your ViewZ monitor is shipped with all proper installation hardware and components. If there are parts missing and/or damaged, please stop the installation and contact ViewZ USA at (888)-998-4399.

 <p>LED Monitor (Qty 1) & Base Stand (Qty 1set)</p>	 <p>User Manual (Qty 1)</p>	 <p>AC Power Cable (Qty 1)</p>	 <p>IDX Battery Bracket (Qty 1)</p>
 <p>Front Protection Acrylic Cover (Qty 1)</p>			

CONNECT EXTERNAL EQUIPMENTS

Interface Input Ports



1. USB (Upgrade & LUT Import)
2. HDMI IN / OUT
3. DVI IN
4. VGA IN
5. SPEAKER OUT

6. PC STEREO IN
7. YPbPr IN
8. 3G-SDI OUT
9. 3G-SDI IN
10. TALLY (requires +5V to turn on)

CONTROL AND FUNCTION

Monitor Button Function



1. Power - Monitor power on / off
2. HDMI - Select HDMI input source
3. DVI - Select DVI input source
4. VGA - Select VGA input source
5. AV(YPbPr) - Select YPbPr input source
6. SDI - Select SDI input source
7. Menu
Enter the MENU, save the adjustment of sub-menu and exit the OSD
8. Up & Down ▲ ▼
Select the different menu and change the value on selected menu
9. Exit
Exit the MENU or go back previous MENU selection

CONTROL AND FUNCTION

Monitor Button Function

MENU Operation

1. When power on, press '**MENU**' on the device, The menu of function setting will display on the screen.
2. Press button to choose sub-menu
3. Then press '**MENU**' button to confirm
4. Press '**EXIT**' button to return/exit '**MENU/SUB-MENU**'.

▲ ▼ Buttons Operation

1. Press ▲ ▼ button to activate the Volume bar when not under the menu display.
2. Press again to adjust the value of option directly.
3. Press '**EXIT**' to exit if accidentally enter the menu.
4. After enter the Volume menu, press '**MENU**' to select among of volume, brightness, contrast, saturation, tint, sharpness , exit and '**MENU**'.

CONTROL AND FUNCTION

PICTURE

FUNCTION		VALUE
Brightness	Setup the brightness	0 ~ 100 (Default: 50)
Contrast	Setup the contrast	0 ~ 100 (Default: 50)
Saturation	Adjust the color saturation	0 ~ 100 (Default: 50)
Color Temperature	Setup the color temperature	5600°K, 6500°K, 9300°K, User
Red ¹⁾	Setup the Red level	0 ~ 100 (Default: 50)
Green ¹⁾	Setup the Green level	0 ~ 100 (Default: 50)
Blue ¹⁾	Setup the Blue level	0 ~ 100 (Default: 50)

1) In 'User' mode of color temperature, users can define RGB values for own purpose

DISPLAY SETTING

FUNCTION		VALUE
Center Marker	Turn on and off center marker	OFF, ON
	Setup the center marker color	Red, Green, Blue, White, Grey
Marker Color	Setup the marker color	Red, Green, Blue, Grey
Aspect Ratio	Setup the display ratio	AUTO, 4:3, 16:10, 16:9, 1.85:1, 2.35:1
Safety Marker	Setup the marker area based on screen size	OFF, 4:3, 16:10, 16:9, 1.85:1, 2.35:1, 2.4:1
	Setup the center marker color	Red, Green, Blue, White, Grey
	Setup the darkness of areas out of line marker	OFF, Low, High
Display Flip	Flip the display image	Horizontal (OFF, ON), Vertical (OFF, ON)
Zoom	Display the original image resolution without scaling to match a certain resolution or an aspect ratio	OFF, ×1, ×3
Freeze	Pause the current display image	OFF, ON
Battery Info	Display the remaining battery life	OFF, ON

CONTROL AND FUNCTION

LUT CONFIGURATION

	FUNCTION	VALUE
User LUTS	Turn on/off the loaded 3D LUT	OFF, ON
System LUTS	Turn on/off the default 3D LUT	OFF, ON
Custom LUT usb	Load the custom LUT profile	

LUT format to be .cube

SYSTEM CONFIGURATION

	FUNCTION	VALUE
Language	Set the language of the OSD menu	English, Korean, Japan, Russian, French, Italian Spanish, German, Chinese
OSD Duration	Set the OSD display time	5, 10, 15, 20 sec
Backlight	Set the back light level	0 ~ 100
Sound	Adjust volume on monitor	Mute, 0 ~ 100
Update (USB)	Upgrade the firmware	
Status	Display the status of monitor	Input Source, Frame, Backlight, Resolution, Color Temperature, Volume, Scan Mode, Aspect Ratio, Firmware Version

CONTROL AND FUNCTION

SHORTCUT

	FUNCTION	VALUE
LUT	Turn on/off the loaded 3D LUT	OFF, ON
Language	Set the language of the OSD menu	English, Korean, Japan, Russian, French, Italian Spanish, German, Chinese
Backlight	Set the back light level	0 ~ 100
Reset	Reset the monitor settings to factory default	OFF, ON
Audio Meters	Turn on/off the embedded audio level meter	OFF, ON

SPECIFICATION

Model No.		VZ-215LED-B
Display	Panel Type	21.5" LED Backlit Monitor
	Pixel Pitch	0.24795 (H) x 0.24795 (V) mm
	Brightness	250 cd/m ²
	Contrast Ratio	1000 : 1 (Typ.)
	Viewing Angle	R/L : 89°/ 89° U/D : 89°/ 89°
	Color Depth	16.7 Million Colors
	Response Time	< 14 ms (Typ.)
	Max. Resolution	1920 (H) x 1080 (V) @60Hz
	Aspect Ratio	16 : 9
Audio	Speaker	2 x 2W (8 Ω)
Dimension & Weight	Dimensions (W x H x D)	20.65 x 14.43 x 1.73" (524.51 x 366.5 x 44 mm)
	Net Weight / Gross Weight	15.43 lbs (7 kg) / 17.52 lbs (7.95 kg)
Interface	3G-SDI In / Out	1 / 1 (BNC, 1 input / loop-through out)
	HDMI In / Out	1 / 1
	VGA (15Pin D-Sub) In	1
	YPbPr In	1
	USB	1
	PC Stereo In / Speaker Out	1 / 1
General	Operating / Storage Temperature	32 ~ 104°F (0 ~ 50°C) / -4 ~ 140°F (-20 ~ 60°C)
	Operating Humidity	5 ~ 90% RH
	Electrical Ratings	XLR-4p (DC 7 ~ 24V) / AC 100 ~ 240V (50/60Hz)
	Power Consumption	≤ 24 W
	Case Type	Black Metal
	Accessories	Monitor x1, Base Stand x1, Manual x1, AC Power Cable x1, Front Protective Acrylic Cover x1, IDX Battery Bracket x1

SPECIFICATION

Model No.		VZ-215LED-B	
Signal Format	SDI		1080p (60/59.94/50) - Level A/B 1080p (30/29.97/25/24/23.98) 1080i (60/59.94/50), 1080Psf (30/29.97/25/24) 720p (60/59.94/50) , 525i (NTSC 59.94), 625i (PAL 50) 2048 x 1080P (24/23.98/24sF/23.98sF)
	HDMI		4096x2160p (60/59.94/50/30/29.97/25/24/23.98) 3840x2160p (60/50/30/25/24) 1080p (60/59.94/50/30/29.97/25/24/23.98), 1080i (60/59.94/50) 1080Psf (30/29.97/25/24/23.98), 1280x720p (60/59.94/50), 720x576p (50), 720x576i (50), 720x480p (60/59.94), 720x480i (60/59.94)
	DVI		DVI-D, DVI-I
	VGA		VGA, SGA, XGA, SXGA, WXGA, WUXGA
Special Features	Line Marker Option		4:3, 16:10, 16:9, 1.85:1, 2.35:1, 2.4:1, Off
	Center & Safety Marker		3:2, 4:3, 1.85:1, 2.35:1, Off
	Audio Level Indicator		Two (2) Channels
	Color Temperature		5600K, 6500K, 9300K & User
	Aspect Ratio		4:3, 16:10, 16:9, 1.85:1, 2.35:1, Auto
	Zoom & Flip		Support

TROUBLESHOOTING GUIDE

- Check the following before calling for service.
- If the same problems continue after checking, contact the reseller you purchased the monitor from.

At start	We recommend that you test with different input sources when you have trouble with the current input source. If symptom persists, follow the instructions below. After following the instructions below, please contact us at 1-888-99-VIEWZ.
Only black-and-white display	Check whether the color saturation is properly setup.
Power on but no pictures	Check whether the cables of Video, HDMI, RGB and SDI are correctly connected. Please use the standard power adapter coming with the product package. Improper power input may cause the device.
Wrong or abnormal colors	Check whether the cables are correctly and properly connected. Broken or loose pins of the cables may cause a bad connection.
Other problems	Please press "MENU" button and choose "Reset"

Note: due to constant effort to improve products and product features, specifications may change without notice.

