

VZ-430PM-8K

ViewZ[®]
DRIVING VISUAL INNOVATION

43" 10 BIT VIDEO PRODUCTION 8K/12G-SDI MONITOR



VZ-430PM-8K Q43-8K is part of the Lilliput flagship range of monitors designed to handle and process an 8K video input signal. It takes 4 x 12G-SDI input feeds via the BNC connectors at the back of the unit, and in compliance with the ST2082-12 video protocol, combines them to create an 8K 60Hz video signal which it displays on the 3840 x 2160 pixel panel.



When HDR is activated, the display reproduces a greater dynamic range of luminosity, allowing lighter and darker details to be displayed more clearly. Effectively enhancing the overall picture quality. Support ST2084 300/1000/10000 and HLG.



3D-LUT is a table for quickly looking up & output specific color data. By loading different 3D-LUT tables, it can quickly recombine color tone to form different color styles. Built-in 3D-LUT, featuring 17 default logs & 6 user logs. Supports loading the .cube file via USB flash disk.



12-Gb/s 12G-SDI, Automatically adapts to SMPTE and ITU digital video standards for 12G-SDI, 6G-SDI, 3G-SDI (Level A, DL-B, DS-B), HD-SDI and SD-SDI. Quad link accepts square division and 2 sample interleave



The color spaces are calibrated by a precision calibrator, so the color space can be switched between BT. 709, BT. 2020, DCI-P3 and NTSC



Color Temp - 9300°K, 7500°K, 6500°K, 5500°K, 3200°K and built-in user mode



Monitor can be remotely controlled via LAN, GPI or RS422

VZ-430PM-8K ADVANTAGES

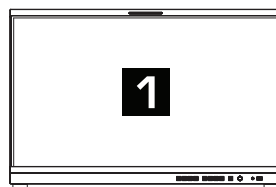
- All SDI signals Input - 12G-SDI / 6G-SDI / 3G-SDI (Level A, DL-B, DS-B) / HD-SDI/SD-SDI
- Quad & Single SDI / Color Calibration (Rec. 709, NTSC & DCI-P3)
- HDR - ST2084 / HLG / HDMI 2.0 & 1.4
- Color Gamut - Rec601 / Rec709 / SMPTE-C / EBU / DCI P3 / BT2020
- Time Code (LTC / VITC) / Tally (Red / Green)
- False Color (Default / Spectrum / ARRI / RED) / Exposure
- Color Temperature (Color Temperature: 3200K/ 5500K/ 6500K/ 7500K/ 9300K/ User)

- Color Space (100% DCI-P3 & 86% BT. 2020) / Peaking / RGB Gain
- Gammas 1.8, 2.0, 2.2, 2.35, 2.4, 2.6 & 2.8
- Waveform / Vector Scope / Histogram / Time Code (LTC / VITC)
- Check Field / Overscan / H/V Delay / Zoom / Freeze
- Audio Level Meter (16ch) / Audio Vector
- UMD (Text Color: White, Red, Green, Blue, Yellow, Cyan, Magenta)
- Front User definable Buttons F1 ~ F4
- Marker - Center, Safety & Aspect ([16:9], [1.85:1], [2.35:1], [4:3], [3:2], [2.0X], [2.0X MAG], [Grid], [User].)

12G-SDI SINGLE LINK

12G-SDI Camera

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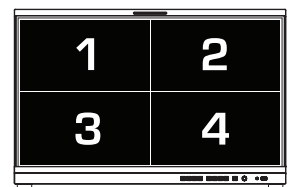
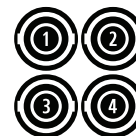


ST2082-10 |
1 x 12G-SDI 4K 60Hz

12G-SDI QUAD LINK

12G-SDI Camera

VZ-430PM-8K



ST2082-12 |
4 x 12G-SDI 8K 60Hz

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With other features such as REC. 709 and DCI-P3 Color Space, 3D LUT Support, Remote Control through LAN connection, Multiview and Quad-Split, and an optionally purchased 12G-SFP connection - VZ-430PM-8K packs massive value monitoring into an easy-to-operate system.

MODEL #		VZ-430PM-8K
DISPLAY		
Screen Size	43"	
Max. Resolution	3840 x 2160 (4K) IPS pixel	
Pixel Pitch	0.2451 mm x 0.2451 mm	
Brightness	400 cd/m ² (Typical)	
Contrast Ratio	1200 : 1	
Aspect Ratio	16 : 9	
Viewing Angle (H/V)	178° / 178°	
Color Depth	1.07 B	
HDR	ST2084 300/1000/10000/HLG	
Supported Log Formats	SLog2 / SLog3 / CLog / NLog / ArriLog / JLog or User	
LUT (Look Up Table)	Support (3D LUT - .cube Format)	
Calibration	Calibrate color space to Rec.709	
Color Gamut	100% Rec. 709, 98% DCI-P3, 100% NTSC, 80% Rec. 2020	
INTERFACE		
12G SDI In / Out (8K-SDI Formats Quad Link)	4 / 4 (Loopthrough)	
HDMI 2.1 In / Out (8K-HDMI Formats)	1 / 1	
SFP In	1 x 12G SFP+ (Fiber Module for Option)	
RJ45 (Ethernet) In	1	
RS422 In / Out	1 / 1 (Remote Control)	
GPI In	1 (Remote Control)	
USB	1 (Remote Control)	
Input Format		
SDI	12G-SDI	7680 x 4320p (24/25/30/50/60), 3840 x 2160p (24/25/30/50/60), 1920 x 1080p (24/25/30/50/60), 1920 x 1080psf (24/25/30), 1920 x 1080i (50/60), 720p (50/60)
SFP		3840 x 2160p (24/25/30/50/60), 1920 x 1080p (24/25/30/50/60), 1920 x 1080psf (24/25/30), 1920 x 1080i (50/60), 720p (50/60)
HDMI		3840 x 2160p (24/25/30/50/60), 1920 x 1080p (24/25/30/50/60), 1920 x 1080i (50/60), 720p (50/60)

AUDIO		
Built in speaker		2
SDI		16ch 48kHz 24 bit
HDMI		8ch 24 bit
Ear Jack		3.5 mm
DIMENSIONS & WEIGHT		
Outline Dimension	Without Stand (WxHxD)	38.1 x 23.8 x 1.9" / 968.5 x 604.9 x 48.5 mm
Net Weight		31.96 lbs / 14.5 kg
GENERAL		
Power	Electrical Ratings	XLR-4p (DC 15 ~ 24V) 7.5 A
	Consumption	≤ 77 W (24 V)
Warranty		2 Years
Operating Temperature		32 ~ 122°F / 0 ~ 50°C
Humidity at High Operating Temperature		90% RH for 240 hrs, TA=+ 140°F (60°C)
Storage Temperature		-4 ~ 140°F / -20 ~ 60°C
Battery Plate		V-mount or Anton Bauer
Package Include		19V DC Adapter x1, Manual x1, USB Disk x1, Desktop Stand Set x1
Option		SFP Optical Fiber Module x1,

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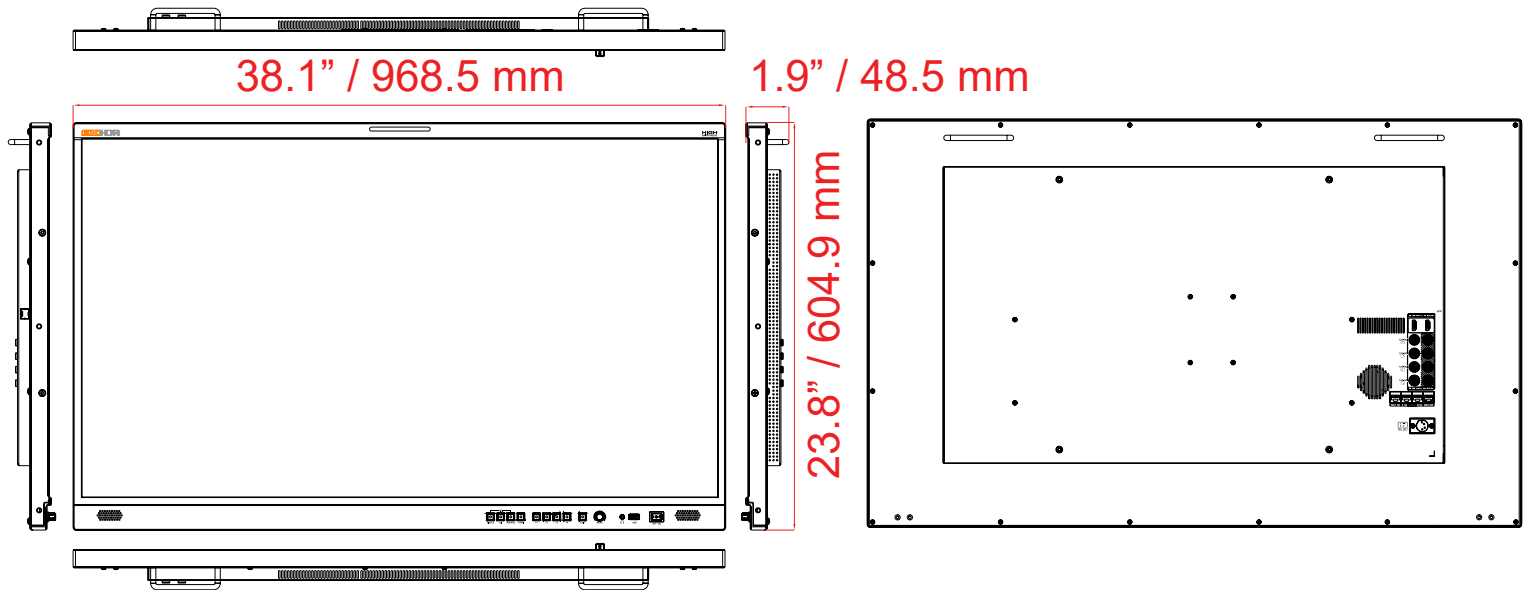
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- Sales : sales@viewzusa.com

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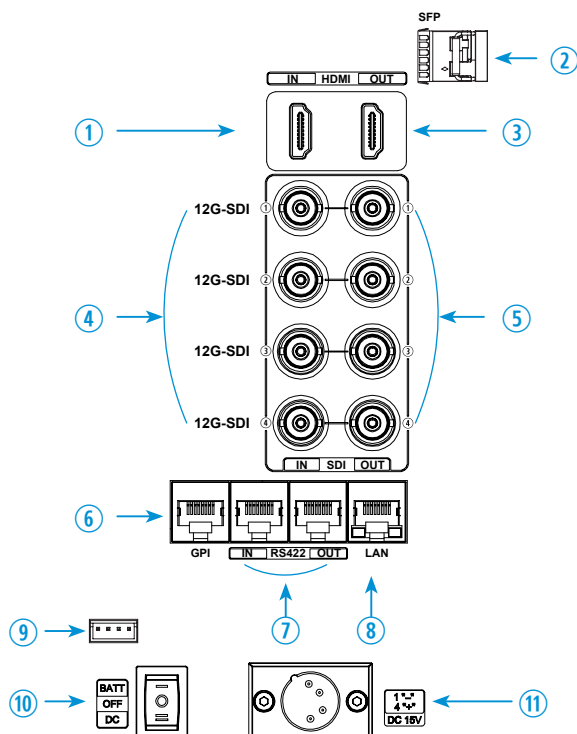
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DIMENSION



INTERFACE



- 1. HDMI In
- 2. SFP In
- 3. HDMI Out
- 4. 12G-SDI In x4
- 5. 12G-SDI Out x4
- 6. GPI In
- 7. RS 422 In / Out
- 8. LAN
- 9. USB
- 10. On-Off Switch
- 11. DC XLR 15-24V In

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