VZ-173PM-12GU

ViewZ®
DRIVING VISUAL INNOVATION

17.3" VIDEO PRODUCTION 4K / 12G-SDI MONITOR

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

12G SDI — 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

12G SFP — Support 12G-SFP optical connector input (Optical module is option)

3D LUT — 3D-LUT is a table for quickly looking up & output specific color data. By leading 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 leading the .cube file via USB flash disk.

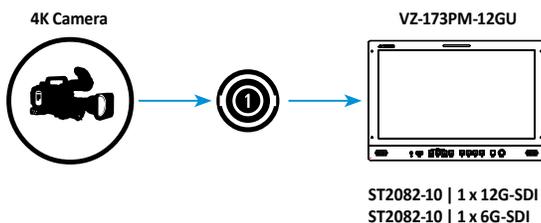Color Temp - 9300⁰K, 7500⁰K, 6500⁰K, 5500⁰K, 3200⁰K and built-in user mode

Monitor can be remotely controlled via LAN, GPI or RS422

VZ-173PM-12GU is a 17.3" 4K monitor with 7U 12G-SDI interface - 2×3G-SDI & 2×12G-SDI. VZ-173PM-12GU supports various video formats including 12G-SFP, 12G/6G/3G/HD-SDI and HDMI 2.0.
VZ-173PM-12GU provides wide color gamut up to DCI and a full feature set. It supports up to 4096x2160 (60,50,30,25 & 24p) and 3840x2160 (60,50,30,25 & 24p) signal.
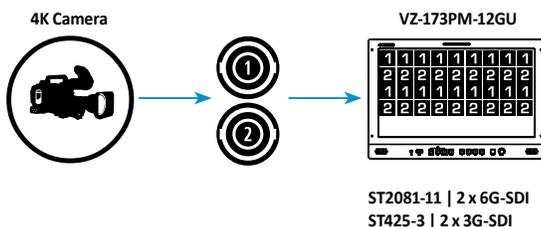
VZ-173PM-12GU ADVANTAGES

- All SDI signals Input - 12G-SDI / 6G-SDI / 3G-SDI (Level A, DL-B, DS-B) / HD-SDI/SD-SDI
- Quad SDI / Dual SDI / Single SDI
- ST2084 / HLG
- Time Code (LTC / VITC)
- Tally (Red / Green / Yellow)
- False Color / Color Temperature
- Color Space (144% Rec.709; 91% DCI-P3)

- Audio Level Meter (16ch) / Audio Vector (Lissajous)
- Front User definable buttons F1 to F4
- Picture / (User) Marker / UMD
- Gammas 1.8, 2.0, 2.2, 2.35, 2.4, 2.6 & 2.8
- Waveform / Vector Scope / Histogram
- Check Field / Exposure / HV Delay / Freeze
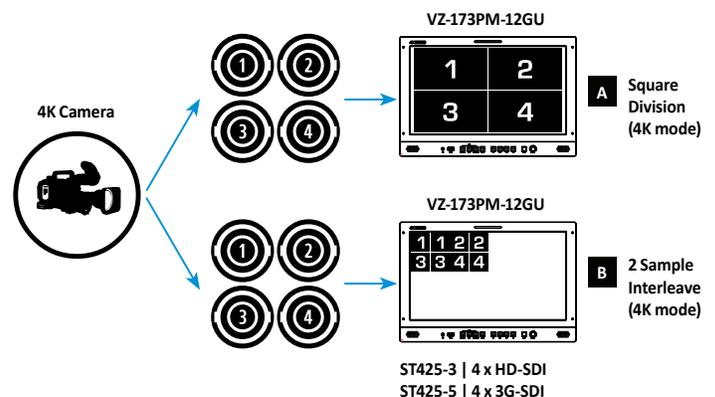- Peaking Filter / Color Bar
- Pixel to Pixel

12G-SDI Single Link

4K Camera → ① → **VZ-173PM-12GU**

ST2082-10 | 1 x 12G-SDI
ST2082-10 | 1 x 6G-SDI

12G-SDI Dual Link

4K Camera → ①② → **VZ-173PM-12GU**

ST2081-11 | 2 x 6G-SDI
ST425-3 | 2 x 3G-SDI

12G-SDI Quad Link

4K Camera → ①②③④ → **VZ-173PM-12GU**

A — Square Division (4K mode)

B — 2 Sample Interleave (4K mode)

ST425-3 | 4 x HD-SDI
ST425-5 | 4 x 3G-SDI

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MODEL #	VZ-173PM-12GU
DISPLAY	
Screen Size	17.3"
Max. Resolution	3840 x 2160 (4K) IPS pixel
Pixel Pitch	0.1989 mm x 0.1989 mm
Brightness	400 cd/m²(Typical)
Contrast Ratio	1200 : 1
Aspect Ratio	16 : 9
Viewing Angle (H/V)	170° / 170°
Color Depth	16.7 M
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)
Technology	Calibration to Rec.709 with Optional Calibration Unit

Input Format

SDI	12G-SDI	(4:2:2)	3840×2160/4096×2160p (47.95/48/50/59.94/60)
		(4:4:4)	3840×2160/4096×2160p (23.98/24/25/29.97/30)
	DL 6G	(4:2:2)	3840×2160/4096×2160p (23.98/24/25/29.97/30)
		(4:4:4)	3840×2160/4096×2160p (23.98/24/25/29.97/30)
	6G-SDI	(4:2:2)	3840×2160/4096×2160p (23.98/24/25/29.97/30)
		(4:4:4)	1920x1080/2048x1080p (47.95/48/50/59.94/60)
	2SI-3G	(4:2:2)	3840×2160/4096×2160p (47.95/48/50/59.94/60)
		(4:4:4)	3840×2160/4096×2160p (23.98/24/25/29.97/30)
	SQ-HD,2SI DL-3G, SQ DL-3G		3840×2160/4096×2160p (23.98/24/25/29.97/30)
	SQ-3G	(4:2:2)	3840×2160/4096×2160p (47.95/48/50/59.94/60)
		(4:4:4)	3840×2160/4096×2160p (23.98/24/25/29.97/30)
	DL 3GSDI-Level B	(4:2:2)	2048x1080/1920x1080p (47.95/48/50/59.94/60) 1280x720p (23.98/24/25/29.97/30/50/59.94/60)
		(4:4:4)	1920x1080p (23.98/24/25/29.97/30) 1920x1080psf (23.98/24/25/29.97/30) 1920x1080i (50/59.94/60)
	3GSDI-Level A	(4:2:2)	2048x1080/1920x1080p (47.95/48/50/59.94/60)
		(4:4:4)	2048x1080/1920x1080p (23.98/24/25/29.97/30) 1920x1080psf (23.98/24/25/29.97/30) 1280x720p (23.98/24/25/29.97/30/50/59.94/60)
	HD		2048x1080/1080P/720P
	SD		525i/625i
HDMI			3840×2160p (24/25/30/50/60) 1920x1080p (24/25/30/50/60) 1920x1080i (50/60), 1280x720p (50/60)

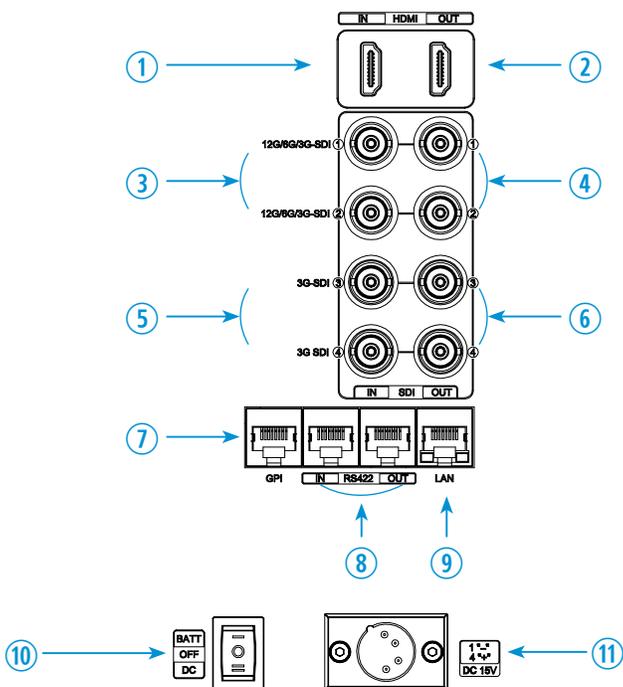| **INTERFACE**	
12G SDI In / Out	2 / 2 (Loopthrough)
3G SDI In / Out	1 / 1 (Loopthrough)
HDMI 2.0 In / Out	1 / 1
12G SFP In	1 x 12G SFP+ (Fiber Module for Option)
RJ45 In	1
RS422 In / Out	1 / 1 (Remote Control)
GPI In	1 (Remote Control)
USB	1 (Remote Control)
AUDIO	
Built in speaker	1W x 2
SDI	16ch 48kHz 24 bit
HDMI	8ch 24 bit
Ear Jack	3.5 mm
DIMENSIONS & WEIGHT	
Outline Dimension (WxHxD)	17.08 x 11.6 x 1.79" / 433.9 x 294.2 x 45.7 mm
Net Weight	8.59 lbs (3.9 kg)
GENERAL	
Power — Electrical Ratings	XLR-4p (DC 12~24V)
Consumption	≤ 34.5 W (15 V)
Warranty	2 Years
Operating Temperature	32 - 122°F / 0 - 50℃
Humidity at High Operating Temperature	90% RH for 240 hrs, TA=+ 140°F (60°C)
Storage Temperature	-4 - 140°F / -20 - 60℃
Battery Plate	V-mount or Anton Bauer mount
Package Include	15V DC Adapter x1, Manual x1, VESA Plate x1, Desktop Stand Set x1, USB Disk x1
Option	Rack Mount Bracket x1, Carrying Case x1, Battery Plate (V-Mount) x1, Gimbal Bracket x1

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DIMENSIONS

1.79" / 45.7 mm
0.91" / 23.3 mm
11.58" / 294.2 mm
17.08" / 433.9 mm
18.99" / 482.4 mm
3.93" / 100 mm
2.95" / 75 mm
5.66" / 144.0 mm
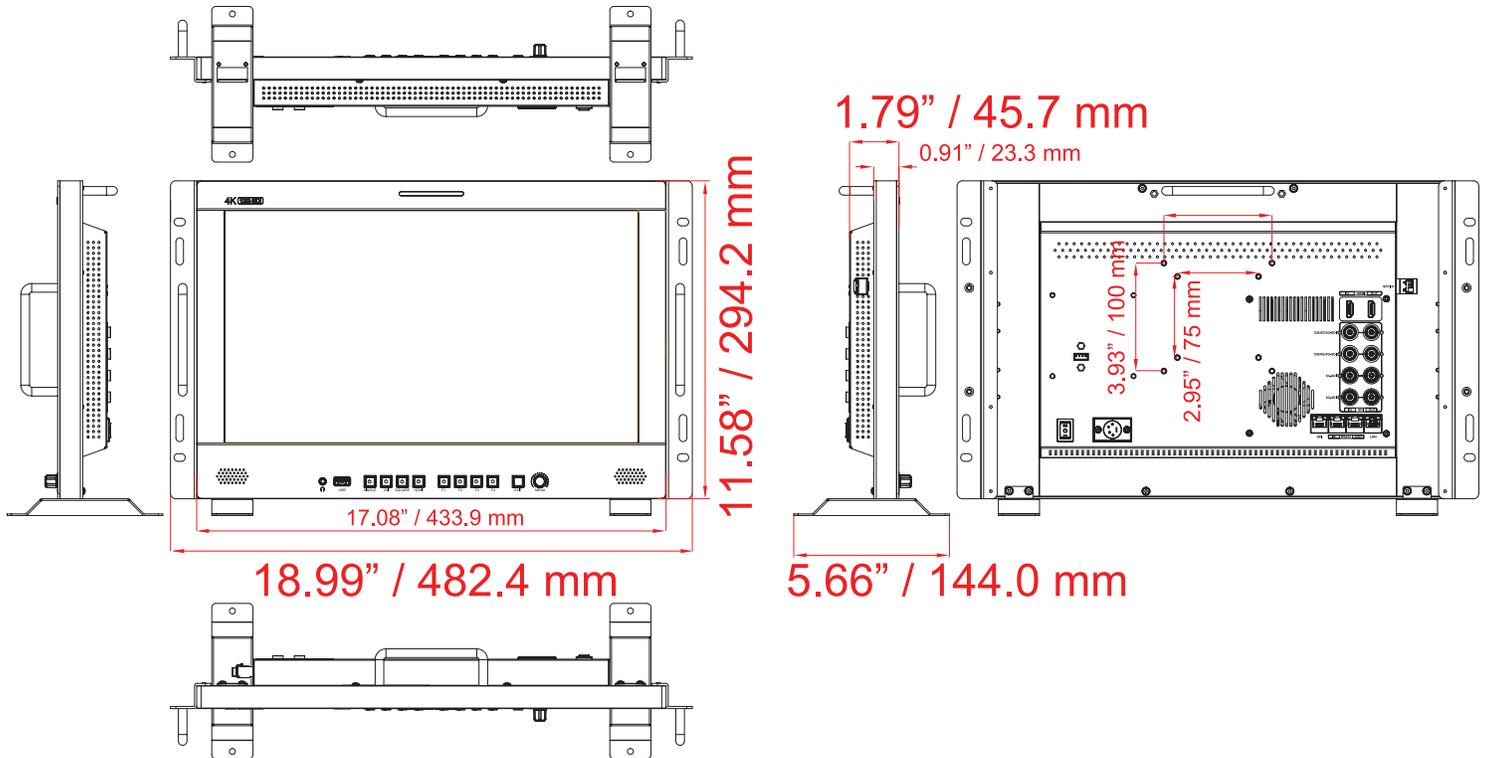
INTERFACE

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

Contact ViewZ

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