

# VZ-315PM-12G

## 31.5" 10 BIT VIDEO PRODUCTION 4K/12G-SDI MONITOR

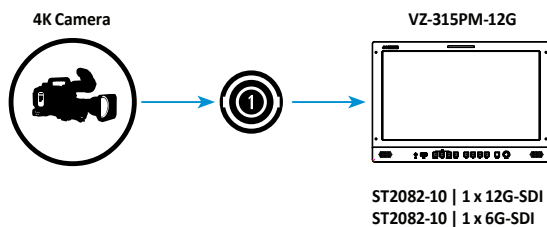


VZ-315PM-12G is a 31.5" 4K monitor with 12G-SDI interface - 2x3G-SDI & 2x12G-SDI. VZ-315PM-12G supports various video formats including 12G-SFP, 12G/6G/3G/HD-SDI and HDMI 2.0. VZ-315PM-12G provides wide color gamut up to DCI and a full feature set. It can support up to 4096x2160 (60,50,30,25 & 24p) and 3840x2160 (60,50,30,25 & 24p) signal.

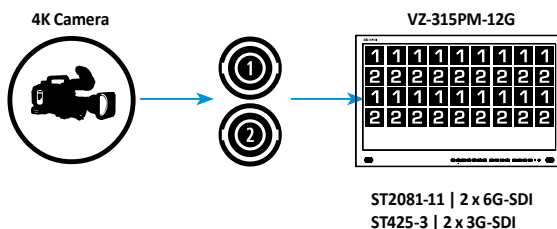
### VZ-315PM-12G ADVANTAGES

- 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
- Audio Level Meter (16ch)

### 12G-SDI Single Link



### 12G-SDI Dual Link



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 8 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



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



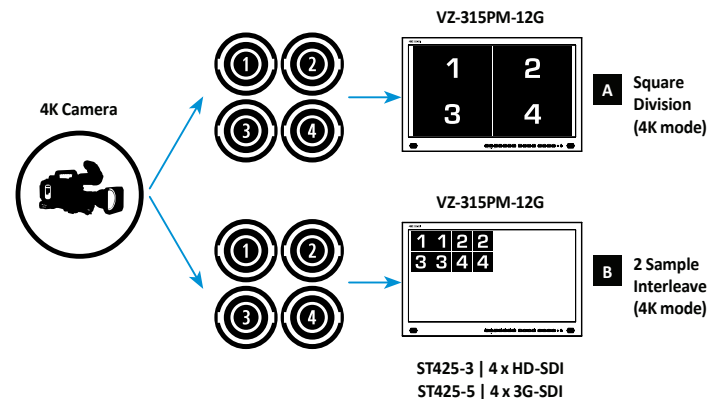
Color Temp - 9300°K, 7500°K, 6500°K, 5500°K, 3500°K and built-in user mode



Monitor can be remotely controlled via LAN, GPI or RS422

- Audio Vector (Remote Lissajous)
- Front User definable buttons F1 and F2
- 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

### 12G-SDI Quad Link



# VZ-315PM-12G

## 31.5" 10 BIT VIDEO PRODUCTION 4K/12G-SDI MONITOR



<b>MODEL #</b>	<b>VZ-315PM-12G</b>		
<b>DISPLAY</b>			
Screen Size	31.5"		
Max. Resolution	3840 x 2160 (4K) IPS pixel		
Pixel Pitch	0.18159 mm x 0.18159 mm		
Brightness	350 cd/m <sup>2</sup> (Typical)		
Contrast Ratio	1300 : 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) Technology	Support (3D LUT - .cube Format) Calibration to Rec.709 with Optional Calibration Unit		
<b>INTERFACE</b>			
12G SDI In / Out	2 / 2 (Loophthrough)		
3G SDI In / Out	2 / 2 (Loophthrough)		
HDMI 2.0 In / Out	1 / 1		
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)		
<b>Input Format</b>			
SDI	12G-SDI	(4:2:2)	3840x2160/4096x2160 (47.95/48/50/59.94/60p)
		(4:4:4)	3840x2160/4096x2160 (23.98/24/25/29.97/30p)
	DL 6G	(4:2:2)	3840x2160/4096x2160 (23.98/24/25/29.97/30p)
		(4:4:4)	3840x2160/4096x2160 (23.98/24/25/29.97/30p)
	6G-SDI	(4:2:2)	3840x2160/4096x2160 (23.98/24/25/29.97/30p)
		(4:4:4)	1920p/2048x1080 (47.95/48/50/59.94/60p)
	2SI-3G	(4:2:2)	3840x2160/4096x2160 (47.95/48/50/59.94/60p)
		(4:4:4)	3840x2160/4096x2160 (23.98/24/25/29.97/30p)
	SQ-HD,2SI DL-3G, SQ DL-3G	(4:2:2)	3840x2160/4096x2160 (23.98/24/25/29.97/30p)
		(4:4:4)	3840x2160/4096x2160 (47.95/48/50/59.94/60p)
	SQ-3G	(4:2:2)	3840x2160/4096x2160 (47.95/48/50/59.94/60p)
		(4:4:4)	3840x2160/4096x2160 (23.98/24/25/29.97/30p)
	DL 3GSDI-Level B	(4:2:2)	1080p / 2048x1080 (47.95p/48p/50p/59.94p/60p) 720p(23.98/24/25/29.97/30/50/59.94/60p)
		(4:4:4)	1080p (23.98p/23.98sf/24p/24sf/25p/25sf/29.97p/ /29.97sf/30p/30sf/50i/59.94i/60i)
	3GSDI-Level A	(4:2:2)	1080p / 2048x1080 (47.95p/48p/50p/59.94p/60p)
		(4:4:4)	1080p / 2048x1080 (23.98p/23.98sf/24p/24sf/ 25p/25sf/29.97p/29.97sf/30p/30sf)
	HD	(4:2:2)	720p(23.98p/24p/25p/29.97p/30p/50p/59.94p/60p)
		(4:4:4)	2048x1080/1080P/720P
HDMI	SD	(4:2:2)	525i/625i
		(4:4:4)	3840x2160 (24/25/30/50/60p), 1920x1080 (24/25/30/50/60p), 1080i (50/60), 720p (50/60)

<b>AUDIO</b>		
Built in speaker	1W x 2	
SDI	16ch 48kHz 24 bit	
HDMI	8ch 24 bit	
Ear Jack	3.5 mm	
<b>DIMENSIONS &amp; WEIGHT</b>		
Outline Dimension	(W x H x D) (mm)	28.24 x 17.9 x 2.38"
	(W x H x D) (inch)	717.5 x 454.73 x 60.5 mm
Net Weight	26.45 lbs (12 kg)	
<b>GENERAL</b>		
Power	Electrical Ratings	XLR-4p (DC 12~24V)
	Consumption	≤ 65 W
Warranty	2 Years	
Operating Temperature	32 - 104°F / 0 - 40°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 / Anton Bauer mount	
Package Include	15V DC Adapter x 1, Manual x 1, VESA Plate x1, Desktop Stand Set x 1, Gimbal Bracket x1, Carrying Case x 1 (Option), USB Disk x1, Acrylic Screen Protector x 1 (Option), Battery Plate (V-Mount) x 1 (Option)	

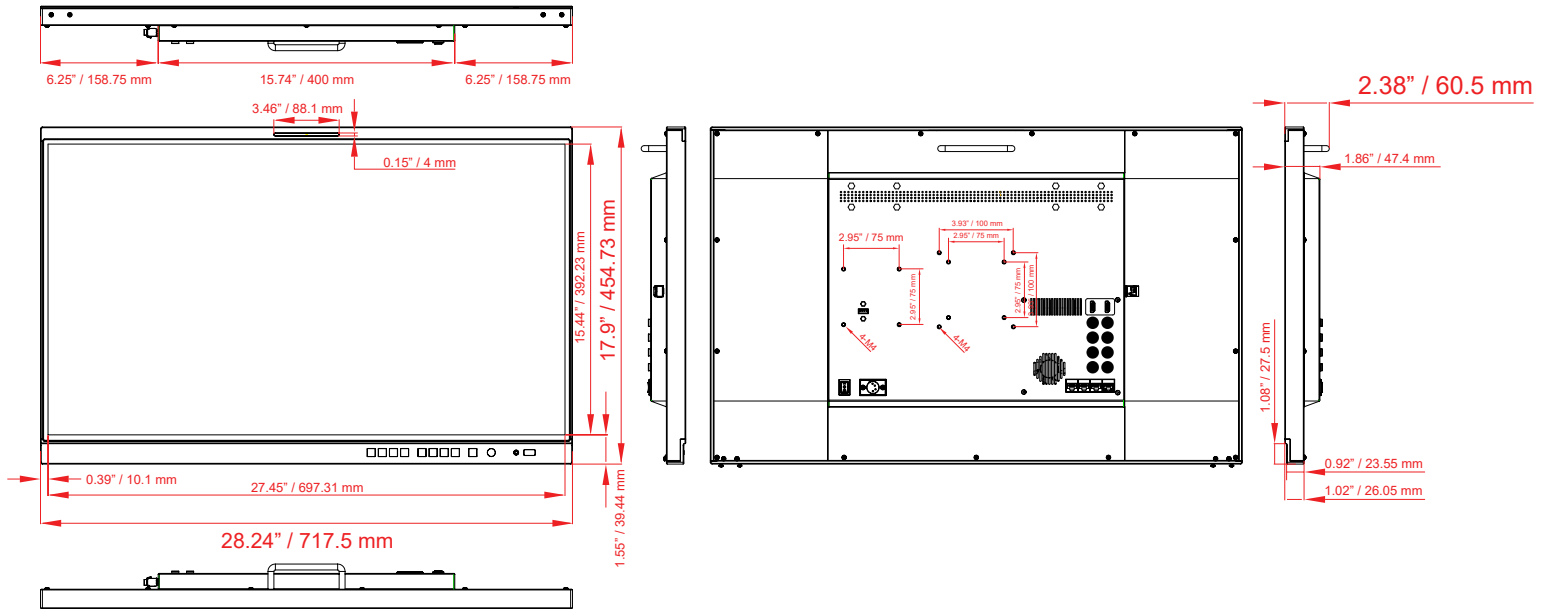
### Contact ViewZ

- Address : 177 W. Orangethorpe Ave., Placentia, CA 92870
- Phone : (714) 996-1177, Fax : (714) 996-1138
- Sales : sales@viewzusa.com

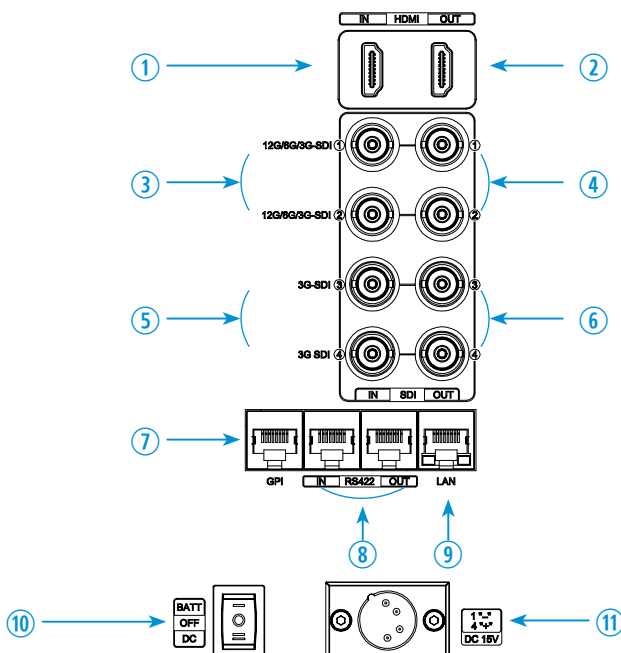
# VZ-315PM-12G

## 31.5" 10 BIT VIDEO PRODUCTION 4K/12G-SDI MONITOR

### DIMENSIONS



### 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

- Address : 177 W. Orangethorpe Ave., Placentia, CA 92870
- Phone : (714) 996-1177, Fax : (714) 996-1138
- Sales : sales@viewzusa.com