



3840x2160
12G-SDI 4K HDMI

Broadcast monitor for 4K/Full HD camcorder & DSLR
Application for taking photos & making movies

12G-SDI Single-Link

COMPLY WITH STANDARDS

- ST2081-10 1x6G-SDI
- ST2082-10 1x12G-SDI

SDI Compatibility

The BM-12G monitor series support 12G-SDI single-link signal input and loop output, and backward compatible with 6G-SDI, 3G-SDI, HD-SDI & SDI input signals.



4K Camcorder

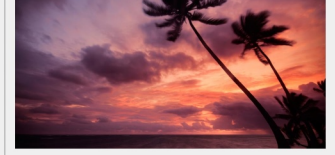
12G-SDI Dual-Link

COMPLY WITH STANDARDS

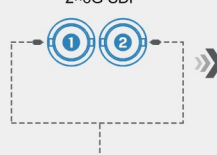
- ST2081-11 2x6G-SDI
- ST425-3 2x3G-SDI



3840x2160



4K Camcorder



SDI Compatibility The BM-12G monitor series support 2x6G-SDI dual-link signal input and loop output, and backward compatible with 2x3G-SDI & 2xHD-SDI input signals.

12G-SDI Quad-Link

COMPLY WITH STANDARDS

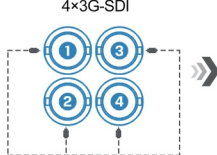
- ST425-3 4xHD-SDI
- ST425-5 4x3G-SDI

Square Division (4K mode)

Each link contains one square of the original image.



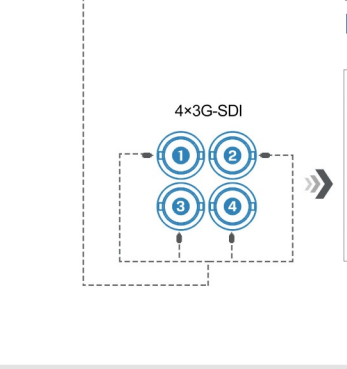
4K Camcorder



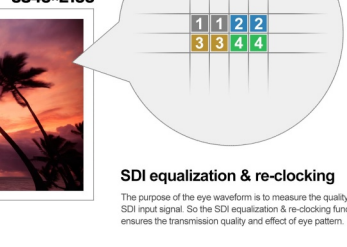
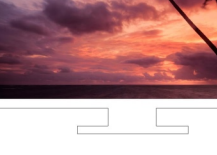
3840x2160

2 Sample Interleave (4K mode)

Each link contains a full image at 1/4 resolution.

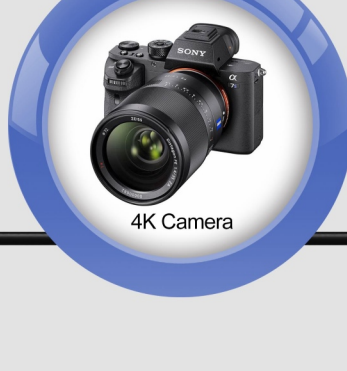


4K Camcorder



SDI equalization & re-clocking

The purpose of the eye waveform is to measure the quality of the SDI input signal. So the SDI equalization & re-clocking function ensures the transmission quality and effect of eye pattern.



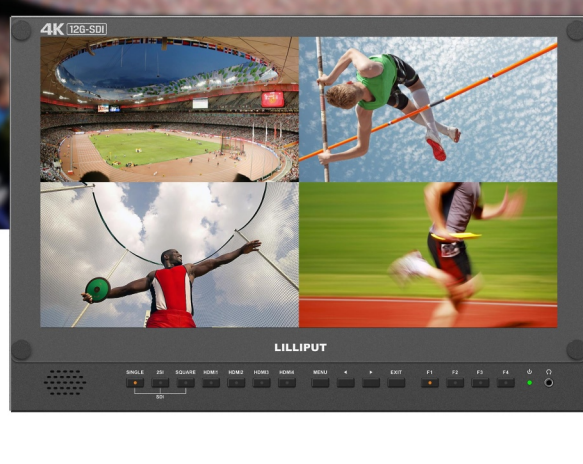
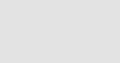
4K Camera

4K HDMI Signal Inputs

Matches with world-famous 4K/FHD camera brands, to assist cameraman in better photography experience.

4K HDMI Formats

- HDMI 2.0 supports 4K 60Hz signal input.
4396x2160 (23.98/24/25/29.97/30p/50/59.94/60p)
- 3840x2160 (23.98/24/25/29.97/30p/50/59.94/60p)
- HDMI 1.4 supports 4K 30Hz signal input.



Multiple Views Display

It supports quad views splitted from different input signals simultaneously, such as 12G-SDI, 3G-SDI and HDMI. Also supports Picture-in-Picture function.

Camera Auxiliary Functions

Plenty of auxiliary functions for taking photos and making movies, such as peaking, false color and audio level meter.

- Quad View
- False color
- Peaking
- Check field
- Image flip
- Overcan
- Undercan
- Image freeze
- Aspect ratio
- Center meter
- Screen meter
- Color palette



6U Intelligent SDI Monitoring

It has a various of mounting methods for broadcast, on-site monitoring and live broadcast van, etc. As well as setup a video wall of rack monitors in control room and see all the scenes. A 6U rack for a customized monitoring solution also can be supported for viewing from different angles and images displays.



- BM150-12G 380-267-38mm / 524-305-170mm (with case)
- BM230-12G 570-376.5-45mm / 666-417-173mm (with case)
- BM280-12G 670-425-45mm / 761-474-173mm (with case)

Note: The product model No. of shown above is BM150-12G.

SPECIFICATIONS | ACCESSORIES

	BM150-12G	BM230-12G	BM280-12G		
DISPLAY	Panel	15.6" IPS	23.8" IPS	28" 10bit IPS	1. Folding sun shade cover
	Physical Resolution	3840x2160	3840x2160	3840x2160	2. Carry-on suitcase
INPUT	Brightness	330cd/m ²	300cd/m ²	300cd/m ²	3. 15V DC adapter
	Contrast	1000:1	1000:1	1000:1	4. Adapter fixing belt
OUTPUT	Viewing Angle	170° / 178°	178° / 178°	170° / 160° (HV)	5. Battery plate bracket
	12G-SDI	2	2	2	6. V-mount or Anton Bauer mount
AUDIO	3G-SDI	2	2	2	7. Base bracket
	HDMI	1	1	1	8. TALLY connector (in bulk)
POWER	Tally	1	1	1	9. Manual
	Current	2.8A (15V)	4.1A (15V)	4.1A (15V)	10. Acrylic screen protector (optional for BM150-12G)
ENVIRONMENT	Input Voltage	DC12-24V (XLR)	DC12-24V (XLR)	DC12-24V (XLR)	
	Battery Plate	V-mount/Anton Bauer mount	V-mount/Anton Bauer mount	V-mount/Anton Bauer mount	
DIMENSION	Power Consumption	≤34W	≤61.5W	≤61.5W	
	Operating Temperature	0°C-60°C	0°C-60°C	0°C-60°C	
	Storage Temperature	-20°C-50°C	-20°C-50°C	-20°C-50°C	
	Weight	3.4kg / 12kg	8.6kg / 17kg	9.4kg / 21kg (with case)	

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

SDI FORMAT UNDER 4K MODE

Format <th>Resolution <th>Frame Rate <th>Color </th></th></th>	Resolution <th>Frame Rate <th>Color </th></th>	Frame Rate <th>Color </th>	Color
SO-HD (ST 425-3)	3840x2160/4096x2160	23.98/24/25/29.97/30p	YCbCr 4:2:2 10bit GBR 4:4:4 10bits YCbCr 4:4:4 10bits YCbCr 4:4:4 10bits YCbCr+A 4:4:4 10bits GBR 4:4:4 10bits YCbCr 4:4:4 12bits YCbCr 4:2:2 12bits
SO-3G (ST 425-5)	3840x2160/4096x2160	23.98/24/25/29.97/30p	YCbCr 4:2:2 10bit GBR 4:4:4 10bits YCbCr+A 4:4:4 10bits GBR 4:4:4 10bits YCbCr 4:4:4 12bits YCbCr 4:2:2 12bits
2SI-3G (ST 425-5)	3840x2160/4096x2160	47.95p/48p/50/59.94/60p	YCbCr 4:2:2 10bit GBR 4:4:4 10bits YCbCr+A 4:4:4 10bits GBR 4:4:4 10bits YCbCr 4:4:4 12bits YCbCr 4:2:2 12bits
6G-SDI (ST 2081-10)	1920x1080/2048x1080	47.95/48/50/59.94/60p	YCbCr 4:4:4 10bits YCbCr+A 4:4:4 10bits GBR 4:4:4 10bits YCbCr 4:4:4 12bits YCbCr 4:2:2 12bits GBR 4:4:4 10bits YCbCr+A 4:4:4 10bits YCbCr 4:4:4 10bits YCbCr+A 4:4:4 10bits GBR 4:4:4 12bits YCbCr 4:4:4 12bits
12G-SDI (ST 2082-10)	3840x2160/4096x2160	47.95/48/50/59.94/60p	YCbCr 4:4:4 10bits YCbCr+A 4:4:4 10bits GBR 4:4:4 10bits YCbCr 4:4:4 12bits YCbCr 4:2:2 12bits
	3840x2160/4096x2160	23.98p/24p/25p/29.97p/30p	YCbCr 4:4:4 10bits YCbCr+A 4:4:4 10bits GBR 4:4:4 10bits YCbCr 4:4:4 12bits YCbCr 4:2:2 12bits

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