



BM150-12G

BM230-12G

BM280-12G

3840x2160
Resolution

12G-SDI 4K HDMI

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

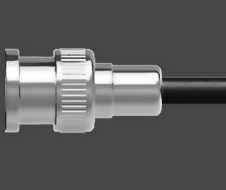
12G-SDI Single-Link

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 input signals.

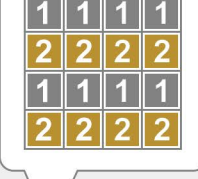


4K Camcorder

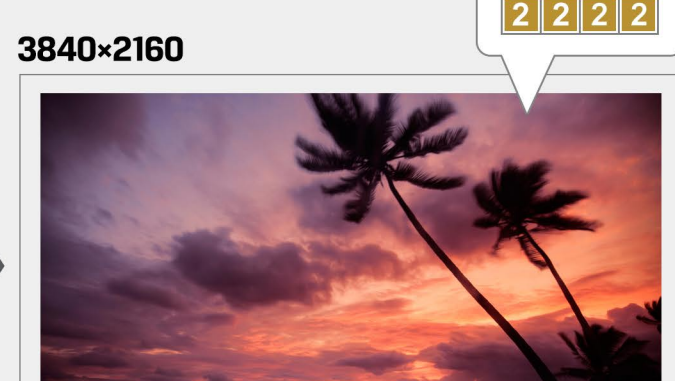
12G-SDI Dual-Link

COMPLY WITH STANDARDS

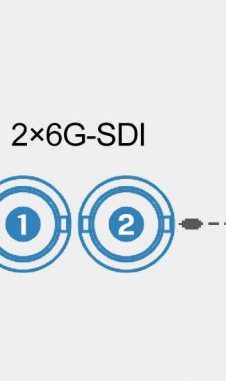
- ST2081-11 2x6G-SDI
- ST425-3 2x3G-SDI



3840x2160



3840x2160



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

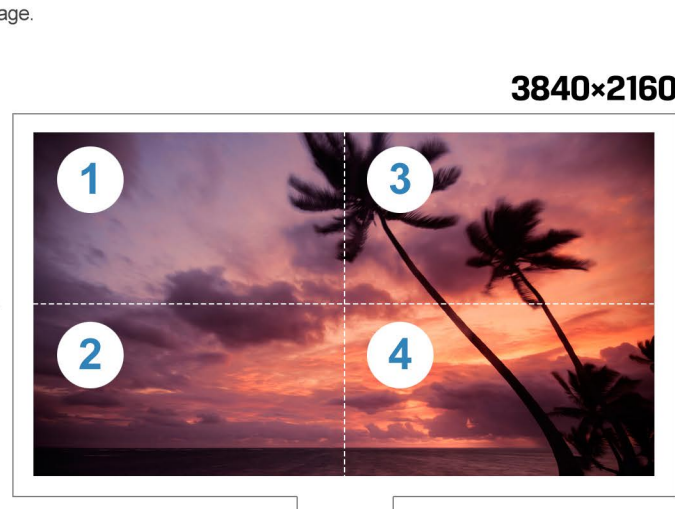
COMPLY WITH STANDARDS

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

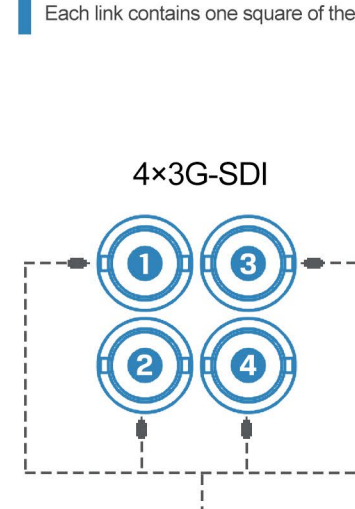
Square Division (4K mode)

Each link contains one square of the original image.

3840x2160



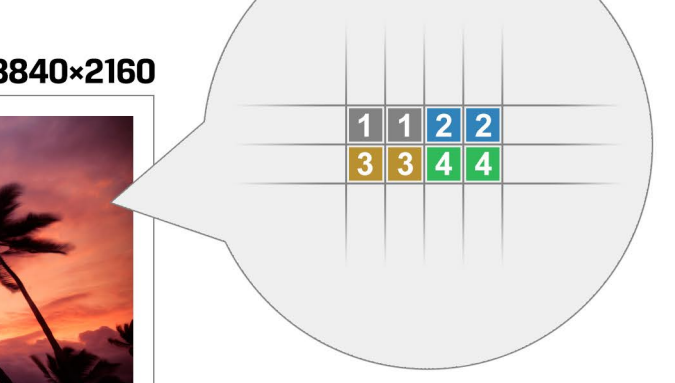
3840x2160



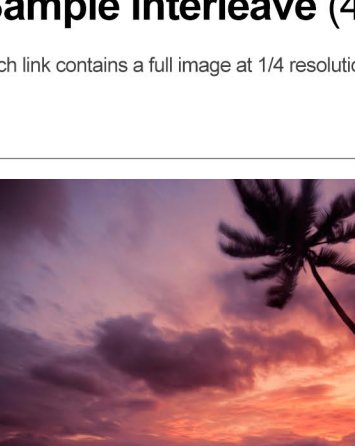
2 Sample Interleave (4K mode)

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

3840x2160



3840x2160



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



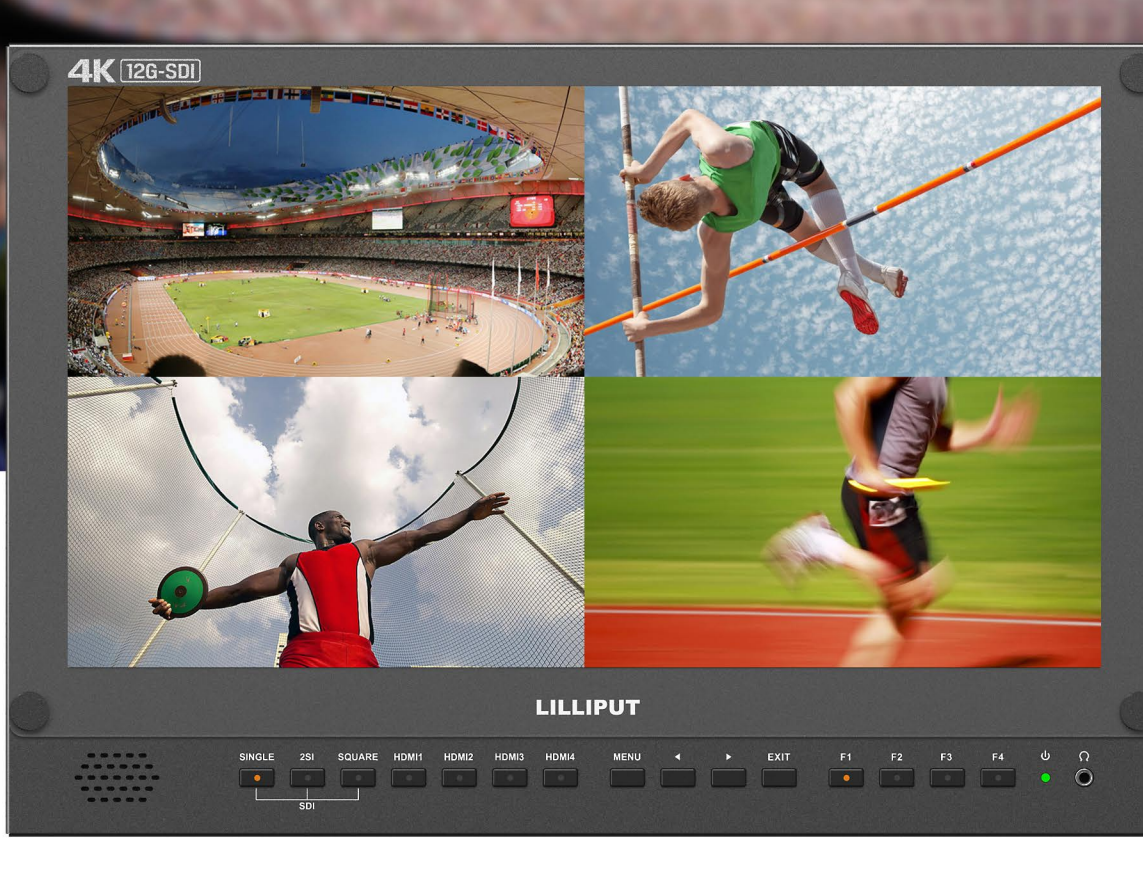
4K Camera

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.
4096x2160 (23.98/24/25/29.97/30p/59.94/60p)
- HDMI 1.4 supports 4K 30Hz signal input.

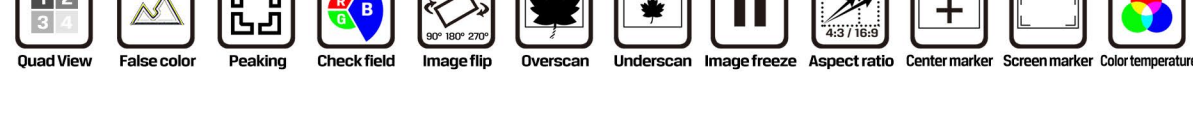


Multiple Views Display

It supports Quad View with 4x HDMI or 1x SDI (including 12G/6G/3G...) and 3x HDMI. Also supports Picture-in-Picture function.

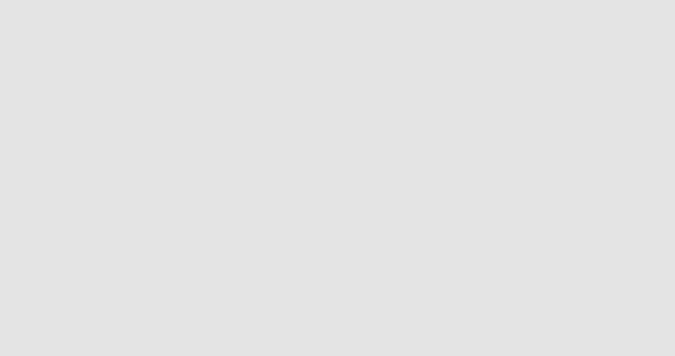
Camera Auxiliary Functions

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



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 389-267x38mm / 524-305x170mm (with case)
- BM230-12G 579-376.5x45mm / 666-417x173mm (with case)
- BM280-12G 670-425x45mm / 761-474x173mm (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 Physical Resolution: 3840x2160 Aspect Ratio: 16:9 Brightness: 330cd/m ² Contrast: 1000:1 Viewing Angle: 176° / 176° 12G-SDI: 2 3G-SDI: 2 HDMI: 2 Tally: 1	23.8" IPS 3840x2160 330cd/m ² 1000:1 176° / 176° 2 2 2 1	28" 10bit IPS 5790x3240 300cd/m ² 1000:1 170° / 160° (H/V) 2 2 2 1	1. Folding sun shade cover 2. Carry-on suitcase 3. 15V DC adapter 4. Adapter fixing belt 5. Battery plate bracket 6. V-mount or Anton Bauer mount 7. Base bracket 8. TALLY connector (in bulk) 9. Manual 10. Acrylic screen protector (optional for BM150-12G)	1 piece 1 piece 1 piece 1 piece 1 piece 1 piece 1 pair 1 piece 1 copy 1 piece
INPUT	12G-SDI: 2 3G-SDI: 2 HDMI: 2 Tally: 1	HDMI 2.0x1 (support 4K 60Hz) HDMI 1.4x3 (support 4K 30Hz)	HDMI 2.0x1 (support 4K 60Hz) HDMI 1.4x3 (support 4K 30Hz)		
OUTPUT	12G-SDI: 2 3G-SDI: 2 HDMI: 2 Tally: 1	HDMI 2.0x1 (support 4K 60Hz) HDMI 1.4x3 (support 4K 30Hz)	HDMI 2.0x1 (support 4K 60Hz) HDMI 1.4x3 (support 4K 30Hz)		
AUDIO	Speaker: 1 Ear Phone Slot: 1 Current: 2.8A (15V) Input Voltage: DC 12-24V (XLR) Battery Plate: V-mount/ Anton Bauer mount Power Consumption: s34W Operating Temperature: 0°C~60°C Storage Temperature: -20°C~60°C Weight: 3.4kg / 12kg	4.1A (15V) 4.1A (15V) 4.1A (15V) s61.5W s61.5W 3.4kg / 17kg	4.1A (15V) 4.1A (15V) 4.1A (15V) s61.5W s61.5W 9.4kg / 21kg (with case)		
POWER					
ENVIRONMENT					
DIMENSION					

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

SDI FORMAT UNDER 4K MODE

<p>3840x2160/4096x2160 (23.98/24/25/29.97/30p)</p> <p>3840x2160/4096x2160 (47.95p/48p/50/59.94/60p)</p>	<p>3840x2160/4096x2160 (23.98/24/25/29.97/30p)</p> <p>3840x2160/4096x2160 (47.95p/48p/50/59.94/60p)</p>	<p>YCbCr 4:2:2 10bit YCbCr 4:2:2 12bit GBR+A 4:4:4 10bits YCbCr 4:4:4 10bits YCbCr+A 4:4:4 10bits YCbCr 4:4:4 12bits YCbCr 4:4:4 12bits YCbCr 4:2:2 10bit GBR 4:4:4 10bits YCbCr 4:4:4 10bits YCbCr 4:4:4 12bits YCbCr 4:4:4 12bits YCbCr 4:2:2 10bit GBR+A 4:4:4 10bits YCbCr 4:4:4 10bits YCbCr 4:4:4 12bits YCbCr 4:4:4 12bits YCbCr 4:2:2 10bit GBR 4:4:4 10bits YCbCr 4:4:4 10bits YCbCr 4:4:4 12bits YCbCr 4:4:4 12bits</p>
<p>3840x2160/4096x2160 (23.98p/24p/25p/29.97p/30p)</p>	<p>3840x2160/4096x2160 (23.98p/24p/25p/29.97p/30p)</p>	<p>YCbCr 4:2:2 10bit YCbCr 4:2:2 12bit GBR+A 4:4:4 10bits YCbCr 4:4:4 10bits YCbCr+A 4:4:4 10bits YCbCr 4:4:4 12bits YCbCr 4:4:4 12bits YCbCr 4:2:2 10bit GBR 4:4:4 10bits YCbCr 4:4:4 10bits YCbCr 4:4:4 12bits YCbCr 4:4:4 12bits YCbCr 4:2:2 10bit GBR+A 4:4:4 10bits YCbCr 4:4:4 10bits YCbCr 4:4:4 12bits YCbCr 4:4:4 12bits</p>

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

