LILLIPUT® 15.6" 23.8" 28" Carry-on 4K Broadcast Director Monitor Series

3840×2160 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 1×6G-SDI
- ST2082-10 1×12G-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;

12G-SDI Dual-Link

COMPLY WITH STANDARDS

- ST2081-11 2×6G-SDI
- ST425-3 2×3G-SDI

SDI Compatibility

The BM-12G monitor series support 2×6G-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 4×HD-SDI
- ST425-5 4×3G-SDI

Square Division (4K mode)

Each link contains one square of the original image.

2 Sample Interleave (4K mode)

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

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 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/50/60/50p/60p)
  3840x2160 (23.98/24/25/29.97/30p/50/60/50p/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.

Quad View | False color | Peaking | Check field | Image flip | Overscan | Underscan | Image freeze | Aspect ratio | Center marker | Screen marker | Color temperature

6U Rack Mount BM150-12G

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 389×267×38mm / 524×305×170mm(with case)
BM230-12G 579×376.5×45mm / 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
	Physical Resolution	3840×2160		
	Aspect Ratio	16:9		
	Brightness	330cd/m²	300cd/m²	300cd/m²
	Contrast	1000:1		
	Viewing Angle	176° / 176°	178° / 178°	170° / 160° (H/V)
INPUT	12G-SDI	2		
	3G-SDI	2		
	HDMI	HDMI 2.0×1 (support 4K 60Hz) HDMI 1.4×3 (support 4K 30Hz)		
	Tally	1		
OUTPUT	12G-SDI	2		
	3G-SDI	2		
AUDIO	Speaker	1		
	Ear Phone Slot	1		
POWER	Current	2.8A (15V)	4.1A (15V)	4.1A (15V)
	Input Voltage	DC 12-24V (XLR)		
	Battery Plate	V-mount/ Anton Bauer mount		
	Power Consumption	≤34W	≤61.5W	≤61.5W
ENVIRONMENT	Operating Temperature	0℃~60℃		
	Storage Temperature	-20℃~60℃		
DIMENSION	Weight	3.4kg / 12kg	8.6kg / 17kgkg	9.4kg / 21kg(with case)

1. Folding sun shade cover	1 piece
2. Carry-on suitcase	1 piece
3. 15V DC adapter	1 piece
4. Adapter fixing belt	1 piece
5. Battery plate bracket	1 piece
6. V-mount or Anton Bauer mount	1 piece
7. Base bracket	1 pair
8. TALLY connector (in bulk)	1 piece
9. Manual	1 copy
10. Acrylic screen protector (optional for BM150-12G)	1 piece

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

SDI FORMAT UNDER 4K MODE

SQ-HD (ST 425-3)	3840x2160/4096x2160 (23.98/24/25/29.97/30p)	YCbCr 4:2:2 10bit
	3840x2160/4096x2160 (47.95p/48p/50/59.94/60p)	YCbCr 4:2:2 10bit
SQ-3G (ST 425-5)	3840x2160/4096x2160 (23.98/24/25/29.97/30/p)	GBR 4:4:4 10bits GBR+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 YCbCr 4:2:2 12bits
2SI-3G (ST 425-5)	3840x2160/4096x2160 (47.95p/48p/50/59.94/60p)	YCbCr 4:2:2 10bit
	3840x2160 / 4096x2160 (23.98/24/25/29.97/30/p)	GBR 4:4:4 10bits GBR+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 YCbCr 4:2:2 12bits
6G-SDI (ST 2081-10)	3840x2160/4096x2160 (23.98/24/25/29.97/30/p)	YCbCr 4:2:2 10bit
	1920x1080/2048x1080 (47.95/48/50/59.94/60p)	GBR 4:4:4 10bits GBR+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 YCbCr 4:2:2 12bits
12G-SDI (ST 2082-10)	3840x2160/4096x2160 (47.95/48/50/59.94/60p)	YCbCr 4:2:2 10bit
	3840x216/4096x2160 (23.98p/24p/25p/29.97p/30p)	GBR 4:4:4 10bits GBR+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 YCbCr 4:2:2 12bits

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