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

4K
3840×2160
RESOLUTION
LILLIPUT

Model NO.:

BM150-12G

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

3840×2160 Resolution

12G-SDI **4K HDMI**

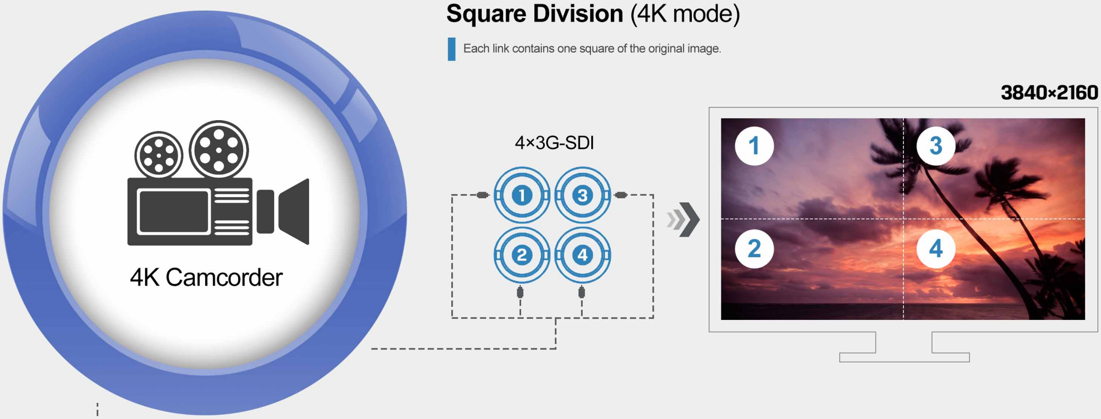
12G-SDI Dual/Quad-Link

COMPLY WITH STANDARDS

- **ST425-3 Dual / Quad - Link**
- **ST425-5 Quad - Link**

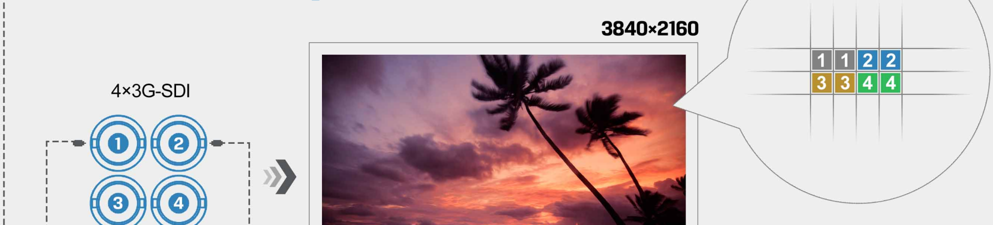
Square Division (4K mode)

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.

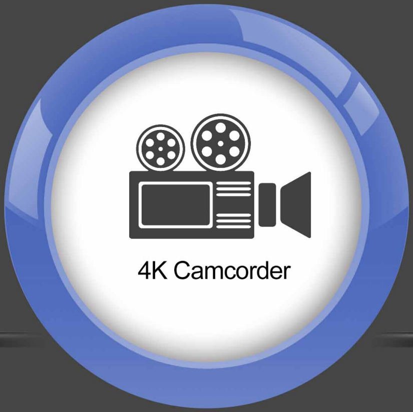
12G-SDI Single-Link

COMPLY WITH STANDARDS

- **ST2081-10 Single - Link**
- **ST2082-10 Single - Link**

SDI Compatibility

The BM150-12G monitor supports 12G-SDI single-link signal input and loop output, and backward compatible with 6G-SDI, 3G-SDI, HD-SDI & SDI input signals;

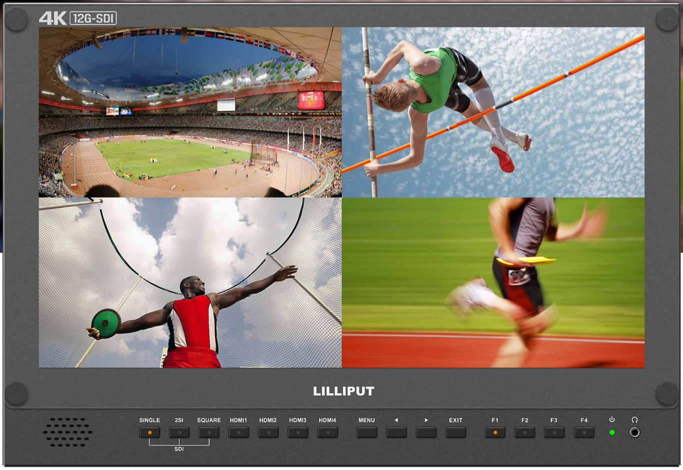


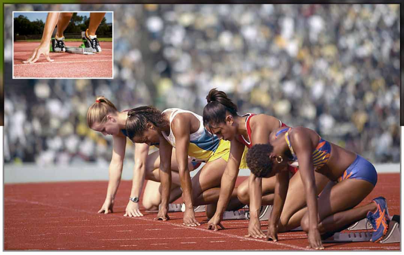
4K HDMI Signal Inputs

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.
HDMI 1.4 supports 4K 30Hz signal input.





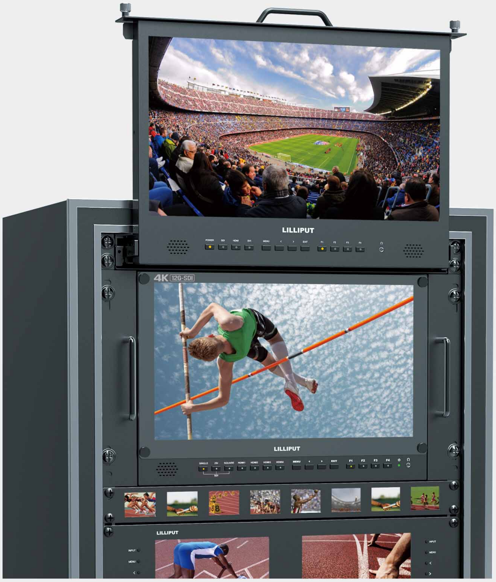
Multiple Views Display

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.

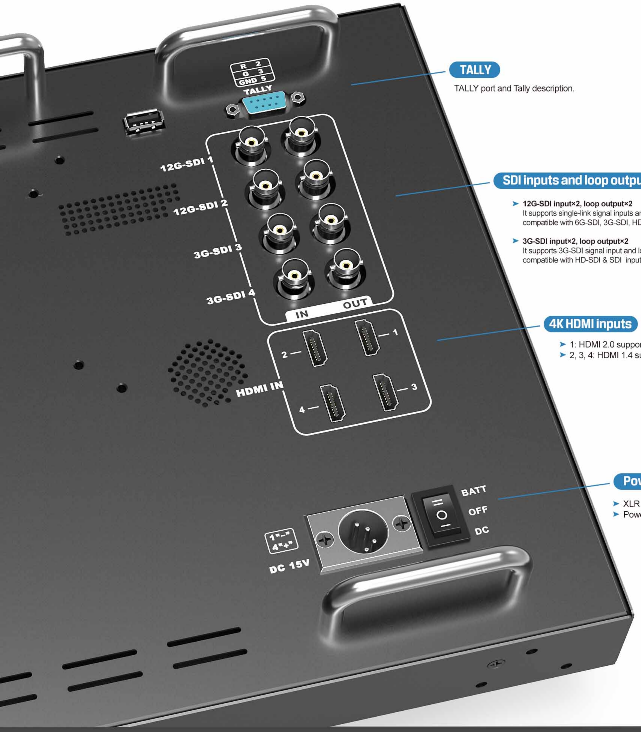
Quad View | False color | Peaking | Check field | Image flip | Overscan | Underscan | Image freeze | Aspect ratio | Center marker | Screen marker | Color temperature



6U Rack Mount

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.



TALLY

TALLY port and Tally description.

SDI inputs and loop outputs

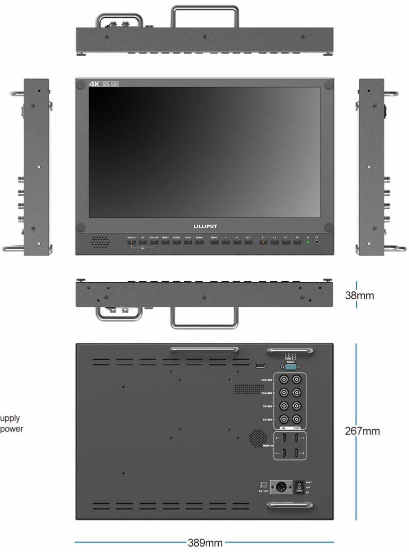
- **12G-SDI input×2, loop output×2**
  It supports single-link signal inputs and loop outputs, and backward compatible with 6G-SDI, 3G-SDI, HD-SDI & SDI input signals.
- **3G-SDI input×2, loop output×2**
  It supports 3G-SDI signal input and loop output, and backward compatible with HD-SDI & SDI input signals.

4K HDMI inputs

- 1: HDMI 2.0 supports 4K 60Hz
- 2, 3, 4: HDMI 1.4 supports 4K 30Hz

Power supply

- XLR DC power: connects 15V DC power supply
- Power switch: alternative for battery or DC power



SPECIFICATIONS | ACCESSORIES

DISPLAY	Panel	15.6” IPS
	Physical Resolution	3840×2160
	Aspect Ratio	16:9
	Brightness	330cd/m²
	Contrast	1000:1
	Viewing Angle	176° / 176° (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)
	Input Voltage	DC 12-24V (XLR)
	Battery Plate	V-mount / Anton Bauer mount
	Power Consumption	≤34W
ENVIRONMENT	Operating Temperature	0℃~60℃
	Storage Temperature	-20℃~60℃
DIMENSION	Dimension (LWD)	389×267×38mm / 524×305×170mm(with case)
	Weight	3.4kg / 12kg(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)	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
SQ-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
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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