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

28"
23.8"
15.6"
MODEL NO.
BM280-4KS
MODEL NO.
BM230-4KS
MODEL NO.
BM150-4KS
LILLIPUT

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

3840×2160 Resolution

HDR 3D-LUT

3G-SDI **4K HDMI**

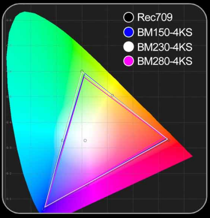
A Better Camera Mate

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

28"
23.8"
15.6"
LILLIPUT
LILLIPUT
SDI
HDMI1
HDMI2
HDMI3
HDMI4
DVI
VGA
MENU
EXIT
F1
F2
F3
F4

Adjustable Color Space

Native, Rec.709 and 3 User
Defined are Optional for Color Space



Accurate Color Calibration

A specific calibration to reproduce the colors of the image color space.
Color calibration supports the PRO/LTE version
of LightSpace CMS by Light Illusion.

HDR

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.

LILLIPUT
SDI
HDMI1
HDMI2
HDMI3
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F1
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Without HDR

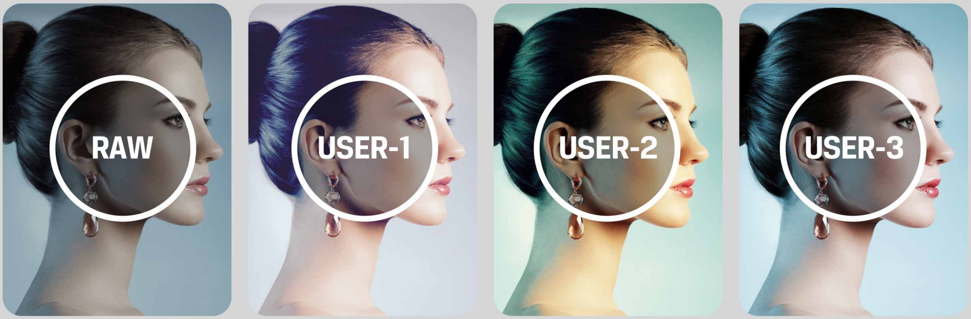
Inaccurate exposure, reduced image detail,
unsatisfactory viewing experience.

With HDR

Enjoy sharper images,
greater detail and richer colors.
Auto / HDR10 are for optional.

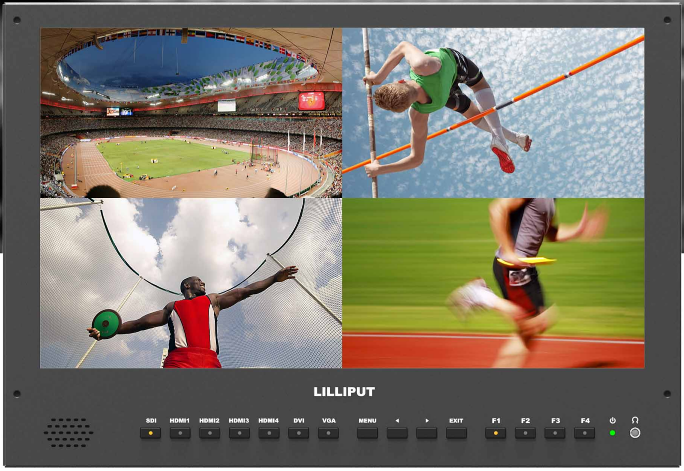
3D LUT

Wider color gamut range to make precise color reproduction of Rec. 709 color space with built-in 3D LUT, featuring 3 user logs.


RAW
USER-1
USER-2
USER-3

3D LUT LOAD

Supports loading the .cube file via USB flash disk.


LILLIPUT
SDI
HDMI1
HDMI2
HDMI3
HDMI4
DVI
VGA
MENU
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EXIT
F1
F2
F3
F4

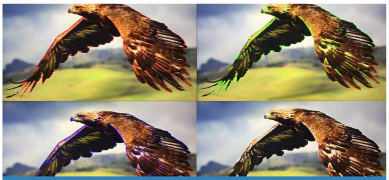
Multiple Views Display

It supports quad views splitted from different input signals simultaneously, such as SDI, HDMI, DVI and VGA.

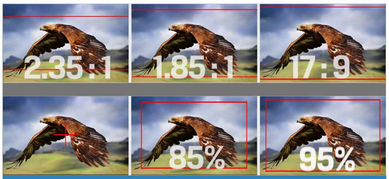
Camera Auxiliary Functions

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

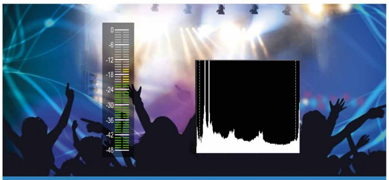
- Color Space
- 3D-LUT
- HDR (HDMI)
- Time code (SDI)
- Histogram (SDI)
- Exposure (SDI)
- Level meter (SDI)
- Quad View
- False color
- Peaking
- Check field
- Image flip
- Underscan
- Image freeze
- Aspect ratio
- Center marker
- Screen marker
- Color temperature



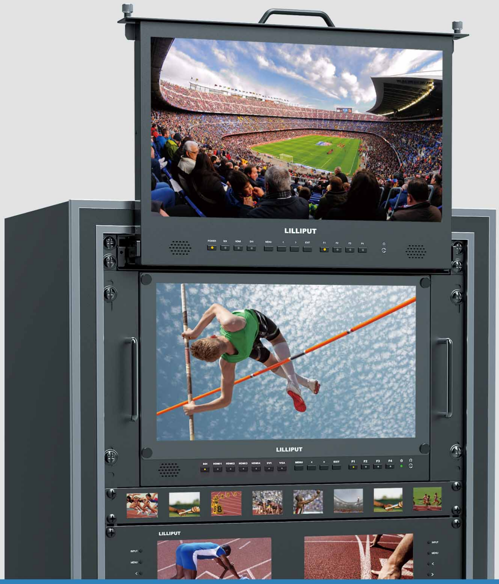
PEAKING FILTER (SDI)


2.35 : 1
1.85 : 1
17 : 9
85%
95%

MARKER


0
-6
-12
-18
-24
-30
-36
-42
-48

AUDIO LEVEL METER / HISTOGRAM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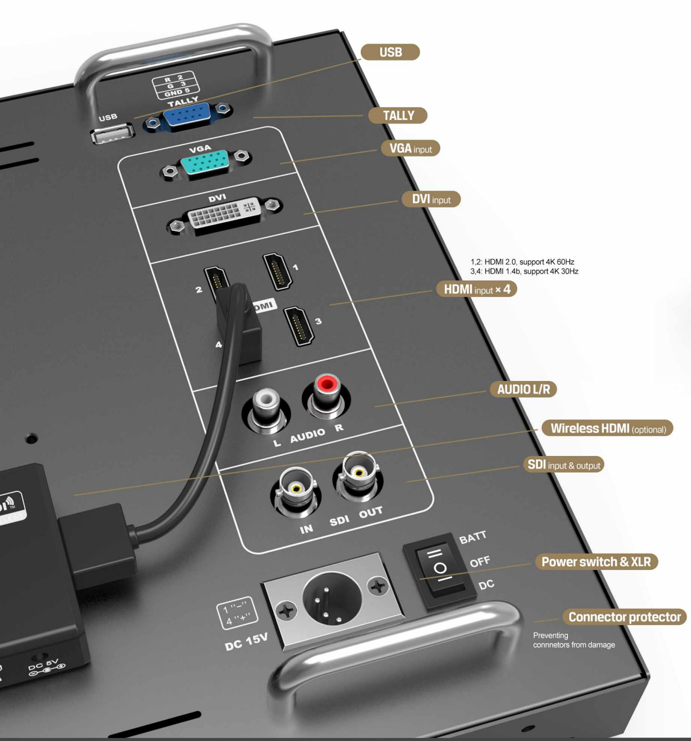
6U
Rack Mount
BM150-4KS

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.


USB
TALLY
VGA input
DVI input
1,2: HDMI 2.0, support 4K 60Hz
3,4: HDMI 1.4b, support 4K 30Hz
HDMI input × 4
AUDIO L/R
Wireless HDMI (optional)
SDI input & output
Power switch & XLR
Connector protector
Preventing connnetors from damage
R 2
G 3
GND 5
TALLY
USB
VGA
DVI
HDMI
1
2
3
4
L AUDIO R
IN SDI OUT
BATT
OFF
DC
1 "–"
4 "+"
DC 15V
DC 5V

VIDEO
NETWORK
WHDI
HD WIRELESS
IR
USB
DC 5V

WHDI Wireless HDMI (optional)

With Wireless HDMI (WHDI) technology, which has a 50-meter transmission distance, supports up to 1080p 60Hz. One transmitter can work with one or more receivers.

SPECIFICATIONS | ACCESSORIES

		BM150-4KS	BM230-4KS	BM280-4KS
DISPLAY	Panel	15.6” 8 bit	23.8” 10 bit	28” 10 bit
	Physical Resolution	3840×2160	3840×2160	3840×2160
	Aspect Ratio	16:9	16:9	16:9
	Brightness	330cd/m^2	300cd/m^2	300cd/m^2
	Contrast	1000:1	1000:1	1000:1
	Viewing Angle (H/V)	176° / 176°	178° / 178°	170° / 160°
INPUT	3G-SDI	1	1	1
	Wireless HDMI	1 (optional)	1 (optional)	1 (optional)
	HDMI	HDMI 2.0×2 (support 4K 60Hz) HDMI 1.4b×2 (support 4K 30Hz)		
	DVI	1	1	1
	VGA	1	1	1
	Audio	2 (L/R)	2 (L/R)	2 (L/R)
	Tally	1	1	1
	USB	1	1	1
OUTPUT	3G-SDI	1	1	1
AUDIO	Speaker	1	2	2
	Ear Phone Slot	1	1	1
POWER	Current	1.2A (15V)	2.7A (15V)	3.4A (15V)
	Input Voltage	--- DC 12-24V (XLR) ---		
	Battery Plate	--- V-mount/ Anton Bauer mount ---		
	Power Consumption	≤18W	≤41W	≤51W
ENVIRONMENT	Operating Temperature	0℃~60℃	0℃~60℃	0℃~60℃
	Storage Temperature	-20℃~60℃	-20℃~60℃	-20℃~60℃
DIMENSION	Dimension (LWD)(mm)	389×267×38	579×376.5×45	670×425×45
	Dimension (LWD)(with case)	524×305×170	666×417×173	761×474×173
	Weight	3.4kg	8.6kg	9.4kg
	Weight(with case)	12kg	17.1kg	21kg

SDI Format	SMPTE-125M	480i(59.94)
	SMPTE-274M	1080i(60/59.94/50)
		1080p(30/29.97/25/24/24sF/23.98/23.98sF)
	SMPTE-292M	1080p(30/29.97/25/24/24sF/23.98/23.98sF)
	SMPTE-296M	720p(60/59.94/50/30/29/25/24/23.98)
	SMPTE-372M	720p(60/59.94/50)
		1080i(29.97/25/24/23.98)
		1080p(60/59.94/50/30/29.97/25/24/23.98)
	SMPTE-425M	1080p(60/59.94/50)
	ITU-R BT.656	576i(50)
HDMI Format	4K, 1080p, 1080i, 720p, 576p, 576i, 480p	

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

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

WWW.LILLIPUT.COM

ZHANGZHOU LILLIPUT ELECTRONIC TECHNOLOGY CO., LTD.
Add：Zong Si Road, Lan Tian Economic Development Zone, Zhang Zhou, Fu Jian, 363005, China
Tel: +86-596-2109661/2109323 Fax: +86-596-2109611 Email: sales@lilliput.com