LILLIPUT®

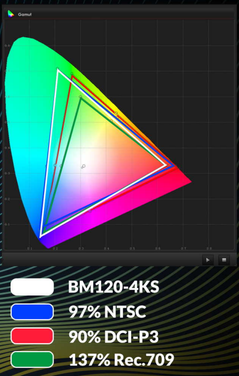
BM120-4KS

12.5” 4K Broadcast Director Monitor

Portable & Lightweight - Think Ahead Always!

- 3840×2160 Resolution
- 3G-SDI 4K-HDMI
- HDR 3D-LUT
- 3.98KG

Portable Suitcase Monitor with 4K Resolution, 97% NTSC color space.
Application for taking photos & making movies.



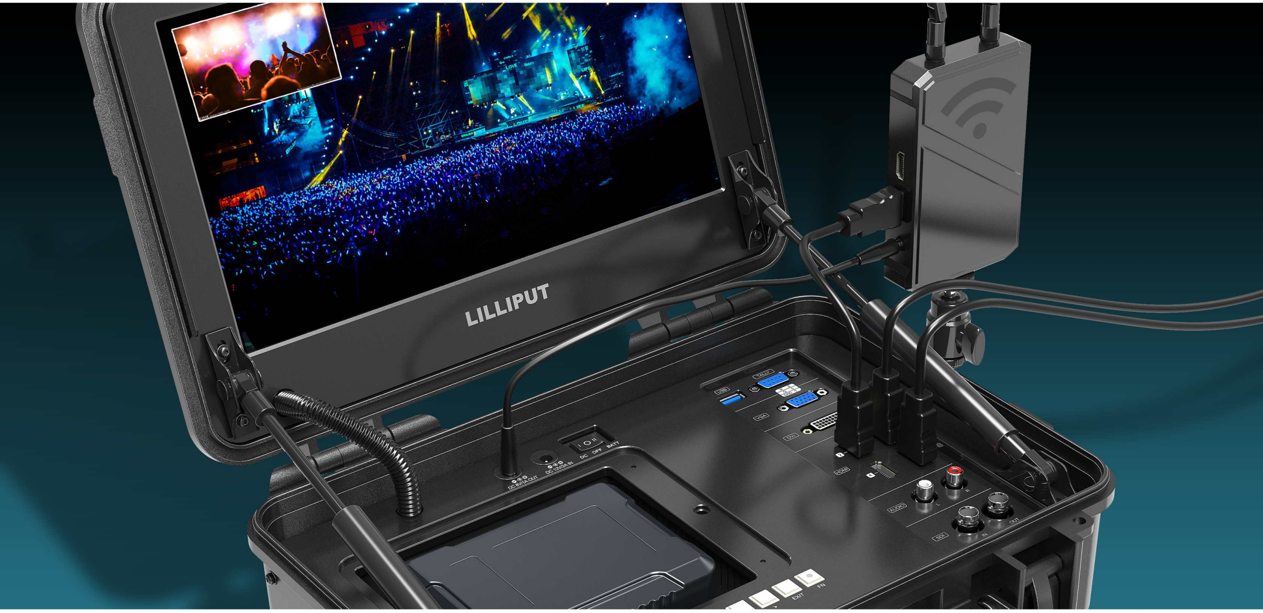
⬜ BM120-4KS
🟦 97% NTSC
🟥 90% DCI-P3
🟩 137% Rec.709

Excellent Color Space

Creatively integrated the 3840×2160 native resolution into a 12.5 inch 8 bit LCD panel, which is far beyond from retina identification. Cover 97% NTSC color space, accurately reflect the original colors of an A+ level screen.

Quad Views Display

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



3G-SDI HDMI
DVI VGA

4K HDMI & 3G-SDI

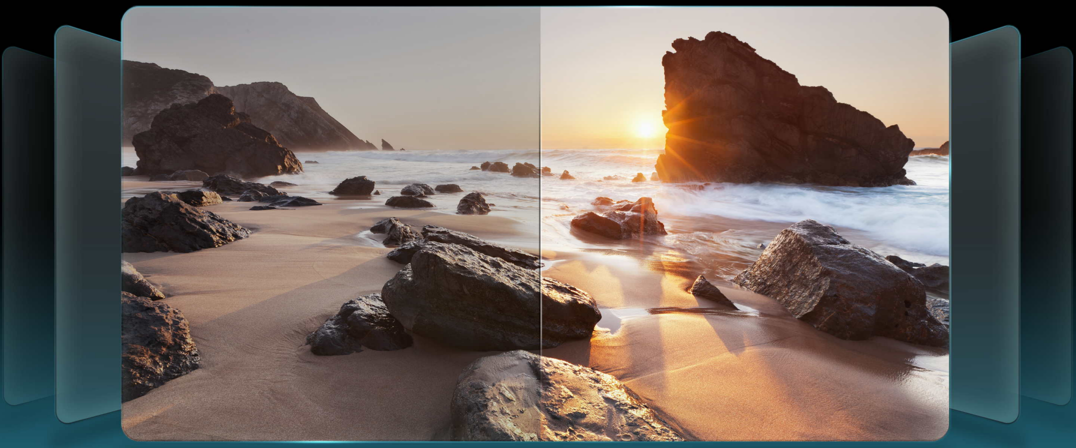
4K HDMI supports up to 4096×2160 60p and 3840×2160 60p; SDI supports 3G-SDI signal.

3G-SDI signal can loop output to the other monitor or device when 3G-SDI signal input to monitor.

Support External Wireless Transmitter

Supports SDI / HDMI wireless transmitter which can transmit 1080p SDI / 4K HDMI signals in real time. When in use, the module can be mounted on the side brackets (compatible with 1/4 inch slots) of the case.

HDR OFF **HDR ON**

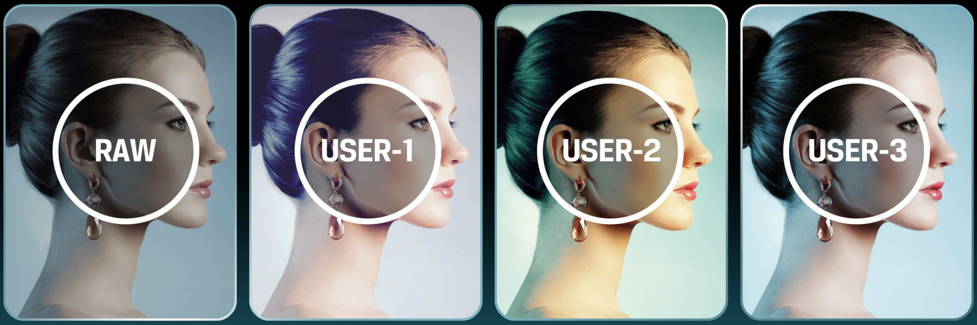


Inaccurate exposure, reduced image detail, unsatisfactory viewing experience.

Enjoy sharper images, greater detail and richer colors.

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. Support HDR 10.

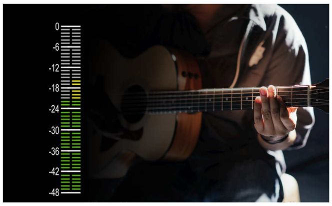

RAW
USER-1
USER-2
USER-3

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.

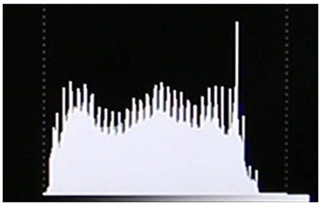
3D LUT LOAD

Supports loading the .cube file via USB flash disk.


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

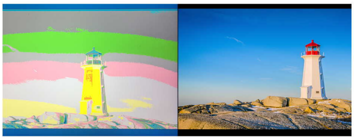
LEVEL METER

The left side of the on screen meters displays level meters showing audio levels for channels 1 and 2 of the input source.



HISTAGRAM

A display that indicates how many of the pixels in a photo are at that given level of brightness.

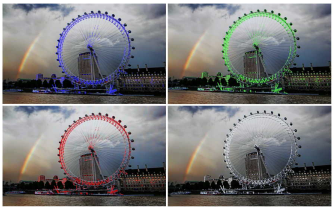


FALSE COLOR

An image that depicts an object in colors that differ from those a photograph (a true-color image) would show.

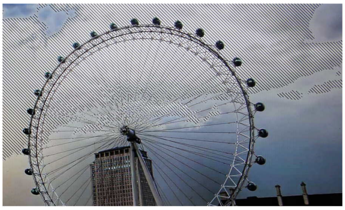
MARKERS

Provide center marker and safety markers.



PEAKING FOCUS

It highlights the areas that are in focus so you are able to quickly focus the camera and not miss crucial shots.

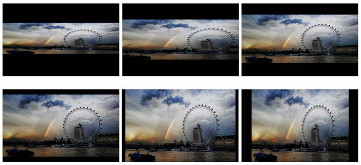


EXPOSURE

Areas of the image over a certain threshold are filled with a striped pattern to dramatically highlight areas where too much light is falling on the image sensor

CHECK FIELD

When enabled, hue and saturation can be adjusted quickly and accurately especially in broadcast area display.



ASPECT RATIO

Provides a wide variety of aspect ratio to match different camera anamorphic lenses.

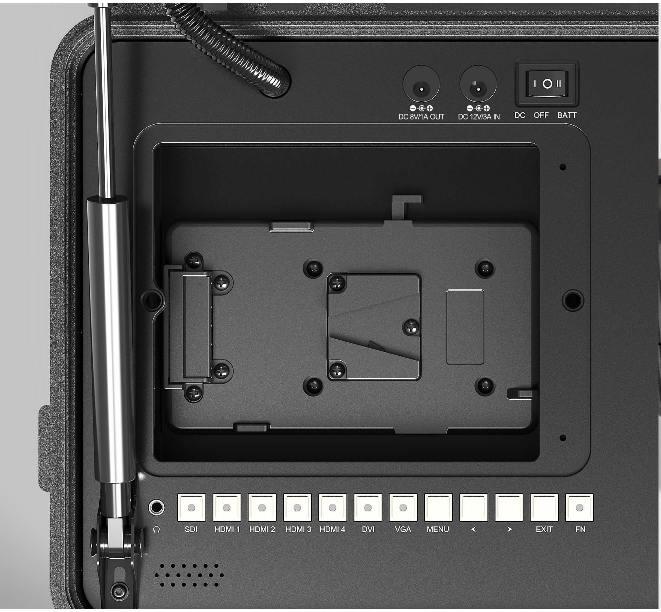
ZOOM

Zoom in and out by adjusting the horizontal and vertical axis of the screen position.

Camera Auxiliary Functions

Povides 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 1)
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


DC 8V/1A OUT
DC 12V/3A IN
DC OFF BATT
SDI
HDMI 1
HDMI 2
HDMI 3
HDMI 4
DVI
VGA
MENU
<
>
EXIT
FN

Outdoor Power Supply

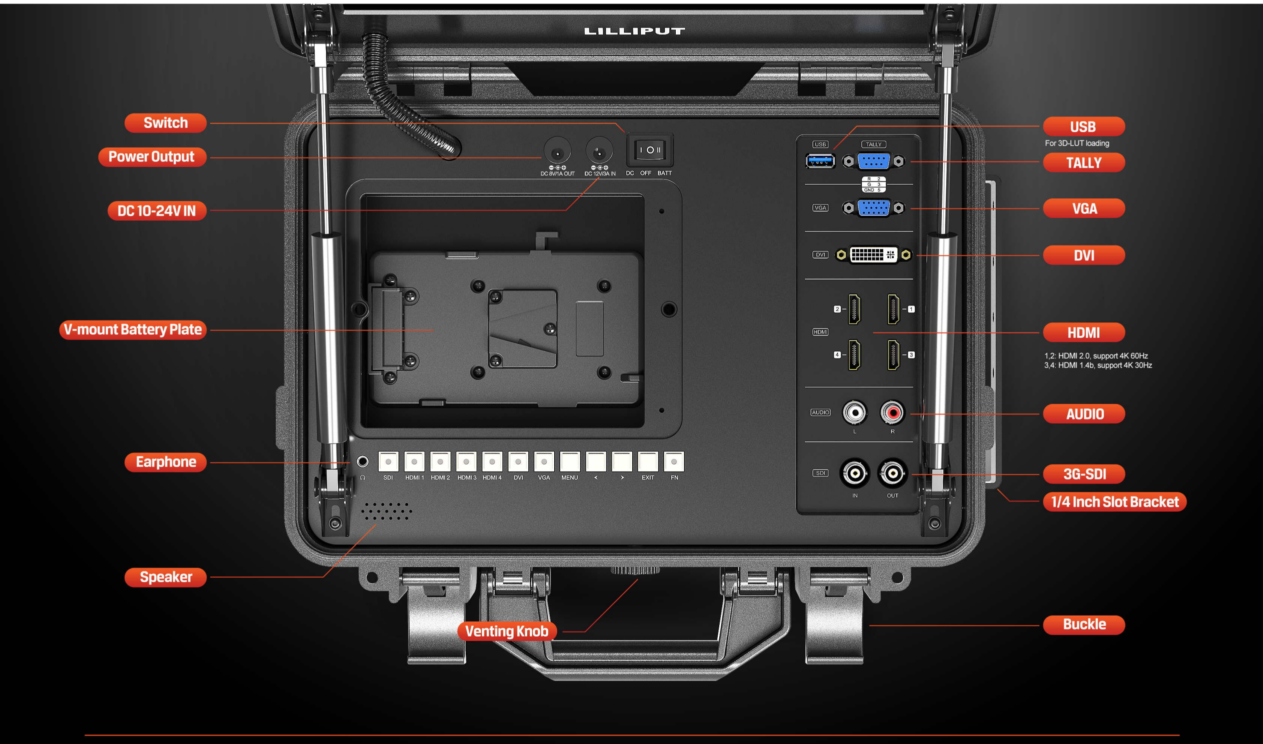
The V-mount battery plate is embedded in the suitcase and can be powered by a 14.8V lithium V-mount battery. Provides extra power when shooting outdoors in the field.

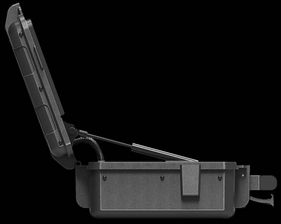
V-mount Battery

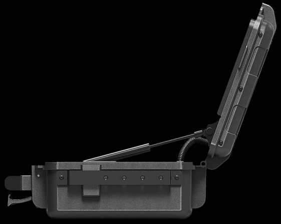
Compatible with mini V-mount battery brands on the market. A 135Wh battery will keep the monitor working for 7 - 8 hours.The length and width of the battery should not exceed 120mm×91mm.

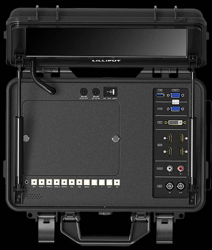
Portable Flight Case

Military-industrial Level! Integrated PPS high-strength material, featuring with dustproof, waterproof, high-temperature resistance, impact resistance and corrosion resistance. The lightweight design makes outdoor photography easy and convenient. It is sized to meet boarding requirements that can be taken into cabin.


LILLIPUT
Switch
Power Output
DC 10-24V IN
V-mount Battery Plate
Earphone
Speaker
Venting Knob
USB
For 3D-LUT loading
TALLY
VGA
DVI
HDMI
1,2: HDMI 2.0, support 4K 60Hz
3,4: HDMI 1.4b, support 4K 30Hz
AUDIO
3G-SDI
1/4 Inch Slot Bracket
Buckle
DC 8V/1A OUT
DC 12V/3A IN
DC
OFF
BATT
SDI
HDMI 1
HDMI 2
HDMI 3
HDMI 4
DVI
VGA
MENU
<
>
EXIT
FN
USB
TALLY
VGA
DVI
HDMI
AUDIO
L
R
SDI
IN
OUT







LCD MONITOR

SPECIFICATIONS

DISPLAY	Panel	12.5” LCD
	Physical Resolution	3840×2160
	Aspect Ratio	16:9
	Brightness	400cd/m²
	Contrast	1500:1
	Viewing Angle	170°/ 170°(H/V)
INPUT	3G-SDI	3G-SDI (support up to 1080p 60Hz)
	HDMI	HDMI 2.0 ×2 (support up to 4K 60Hz) HDMI 1.4b ×2 (support up to 4K 30Hz)
	DVI	1
	VGA	1
	Audio	2 (L/R)
	Tally	1
	USB	1
OUTPUT	3G-SDI	3G-SDI (support up to 1080p 60Hz)
AUDIO	Speaker	1
	Ear Jack	1
POWER	Input Voltage	DC 10-24V
	Power Consumption	≤23W
	Battery Plate	V-mount battery plate
	Power Output	DC 8V
ENVIRONMENT	Operating Temperature	0℃~50℃
	Storage Temperature	-10℃~60℃
DIMENSION	Dimension(LWD)	356.8mm × 309.8mm × 122.1mm
	Weight	4.35kg (include accessories)

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

ACCESSORIES

STANDARD

V-mount Battery Plate

Tally Connetor

Sunshade

USB Drive Disk

OPTIONAL

HDMI Wireless Transmitter

12V 3A Power Adapter

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