

Product Manual



BM7IIDS

Service Hotline: 18820958861

Email: services@portkeys.com

Website: www.portkeys.com

Company Address: 1406, 14th Floor, Block D, Building 3,

Cloud Park, Longgang District, Shenzhen, Guangdong, China

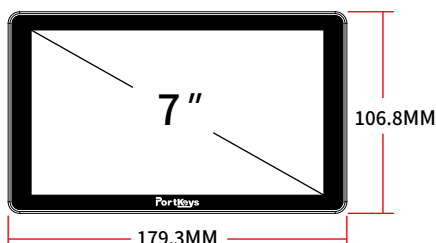
Factory Address: 2nd Floor, Building A, Jingjiang Industrial Park,

NO.101, Shangwei Road, Longhua District, Shenzhen, Guangdong, China

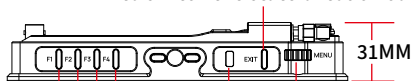


Product Information

Product Introduction



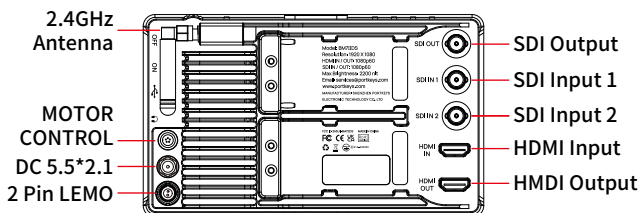
EXIT / Long press for 3 seconds
to switch the state of touch control



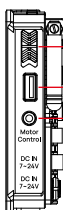
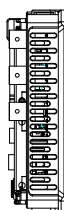
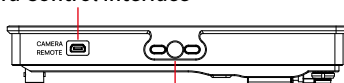
Custom Function Keys

Indicator

Sliding Menu



Camera Control Interface



Power Switch

USB Upgrade Port

Audio Headphone Output

Motor Control

DC IN 7-24V



Operating temperature range: 0 °C ~ 40 °C

Product Information

Packing List

BM7 II DS Monitor X1

Threaded DC Power Cable X1

Micro USB Flash Drive X1

Customer Feedback Card X1

Safety Box X1

Product Information

Basic Parameters

Screen Size	7"
Color Gamut	85% P3
Resolution	1920x1080
Brightness	2200nit
Contrast Ratio	1000:1
Dimension	179.3×106.8×31mm
Weight	460g
Viewing Angle	85 /85 /85 /85
Material	Aluminum Alloy
Video Signal Input	3G SDI X 2、HDMI
Video Signal Output	3G SDI、HDMI
Signal Conversion	HDMI and SDI Conversion
Camera Control Port	Motor Control / CAMERA REMOTE
Input Voltage	7-24V
USB-A	Upgrade Firmware /Load LUT
Support Battery Model	SONY NP-F970/F960/F750/F550
Power Input /Output	2 Pin LEMO/DC 5.5*2.1
Audio Output	3.5mm Headphone Jack
Maximum Power	15W
Antenna	2.4G
Fan	Adjustable

Product Information

Signal Specifications

Supported input resolution and frame rate

HDMI Signal

1920×1080p@23.97Hz,24Hz,25Hz,29.97Hz,30Hz,50Hz,59.94Hz,60Hz

1920×1080psf@23.97Hz,24Hz,25Hz,29.97Hz,30Hz

1920×1080i@50Hz,59.94Hz,60Hz

1280×720p@50Hz,59.94Hz,60Hz

720×576p&720×576i@50Hz

720×480p&720×480i@50Hz,59.94Hz,60Hz

Supported input/output resolution and frame rate

SDI Signal

1920×1080p@50fps,59.94fps,60fps

1920×1080p@50Hz,59.94Hz,60Hz YUV422

1920×1080p@23.98Hz,24Hz,25Hz,29.94Hz,30Hz YUV444/YUV422

1920×1080psf@23.98Hz,24Hz,25Hz,29.97Hz,30Hz YUV444/YUV422

1920×1080i@50Hz,59.94Hz,60Hz YUV444/YUV422

1280×720p@50Hz,59.94Hz,60Hz YUV444/YUV422

FCC Warning:

changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC RF Exposure Information and Statement The SAR limit of USA (FCC) is 1.6 W/kg averaged over one gram of tissue. Device types: BM7IIDS(FCC ID: 2A5UI-BM7IIDS) has also been tested against this SAR limit. The highest SAR value reported under this standard during product certification properly worn the body is 0.271 W/kg. This device was tested for typical body-worn operations with the back of the handset kept 0mm from the body. To maintain compliance with FCC RF exposure requirements, use accessories that maintain a 0 mm separation distance between the user's body and the back of the handset.

Body-worn Operation

This device was tested for typical body-worn operations. To comply with RF exposure requirements, a minimum separation distance of 0mm must be maintained between the user's body and the handset, including the antenna. Third-party belt-clips, holsters, and similar accessories used by this device should not contain any metallic components. Body-worn accessories that do not meet these requirements may not comply with RF exposure requirements and should be avoided. Use only the supplied or an approved antenna.