

PortKeys

BMS1V WR

2000NITS 5.5" Wide Color Gamut Camera Control Monitor



Three-color Gamut Calibration



Wireless Camera Control



New Peaking



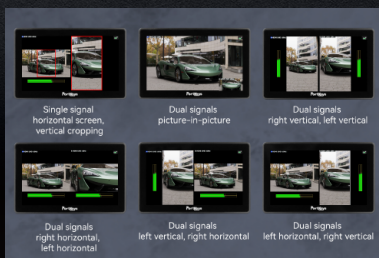
2000nits High-brightness Screen



Anamorphic



Recording Synchronized Silent Fan



Dual-screen Monitoring

Two screens can load the same 3D LUT file, supporting single signal horizontal screen, vertical cropping/dual signals picture-in-picture/dual horizontal/dual vertical/left horizontal right vertical/left vertical right horizontal

Note: Left and right screens can be flipped individually and mirrored.



Freeze Frame Overlay

Arbitrarily capture any frame of an image and do a semi-transparent overlay comparison with real-time video.

Image format: Only 16:9, 1920x1080 with the size not exceeding 1M; otherwise, the image cannot be overlaid



Custom False Color

77 selectable colors, 15 selectable segments, satisfying diverse visual needs.

Manual Selection of Log Mode 3D LUT Loading and Output

REC.709、P3-D65、P3-DCI
User-mode customizable calibration

Auto-recognize Camera Wired Connection

Support auto connection of SONY, Canon, Panasonic, Z CAM, BMD

User Config Store and Loading

Monitor settings can be saved to a USB drive and imported into the same model monitor

Optimized WIFI and Bluetooth Wireless Connection Interface

Support wireless control for RED, ARRI, Nikon, Panasonic, Canon, SONY

User Calibration

Generate a LUT with the X-Rite calibrator and import it into the monitor, no need for reverse calibration

Custom Pages

Support 7 custom pages with one-click switching and different functions

PRODUCT INTRODUCTION

Basic Parameters

Screen Size	5.5"	Dimension	145.4x91.4x39.6mm
Color Gamut	85% DCI-P3	Material	Aluminum Alloy
Resolution	1920x1080	Input Voltage	DC 7~24V
Weight	362g	Maximum Power	17W
Viewing Angle	178°H/178°V	Antenna	2.4G
Brightness	2000nits	Fan	Yes
Contrast Ratio	1000:1	Power Input	4-pin Aviation / 2-pin LEMO
Color Depth	10bit(8+2 FRC)	Operating System	CINENORM OS
Video Input			3G SDI, 4K60p HDMI
Video Output			3G SDI, 4K60p HDMI
Signal Conversion			HDMI and SDI Conversion
Audio Output			3.5mm Headphone Jack
USB-A			Upgrade Firmware / Load LUT
Camera Control Interface			REMOTE
TILTA Nucleus Control Interface			UART
Support Battery Model			SONY NP-F970/F960/F750/F550
Menu Language			English / Japanese / Russian / French / Spanish / Simplified Chinese / Traditional Chinese /

Software Function

3D LUT	Dual Screen	Peaking
Full-Featured Waveform	Vectorscope	Luma Histogram
Luma Waveform	RGB Histogram	RGB Waveform
Guides	Time Code	Cross Hair
ARRI False Color	Zebra	False Color
Image Capture	Audio Meters	Rectangle Crop
Anamorphic	Image Overlay	HDR(HLG)
Brightness	Grids	Check Field
Chroma	Camera Recording	Sharpness
Color Temperature	Contrast	Tint
Hardware Color Calibration	Custom RGB	Display Flip
1080p to 1080i	Battery (Level) Display	SDI TALLY
3D LUT HDMI Output	3D LUT SDI Output	
Full-Featured Waveform	Camera Dummy Battery Power	
Wired / Wireless Camera Control	TILTA Nucleus Control and Focus Scale	
Optional Waveform Detection before/after Loading 3D LUT		

* Monitor does not have 3D LUT storage, 3D LUT must be stored and loaded via USB stick

HDMI Signal

4096×2160p@23.97Hz,24Hz,25Hz,29.97Hz,30Hz,50Hz,59.94Hz,60Hz
3840×2160p@23.97Hz,24Hz,25Hz,29.97Hz,30Hz,50Hz,59.94Hz,60Hz
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

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

Packing List



BM5IV WR Monitor



Safety Box



Micro USB Flash Drive



Customer Feedback Card



2.4G Straight Head Antenna



4 pin Aviation to D-Tap Power Cable

RED

Wi-Fi Control *Built-in Wireless Module	KOMODO KOMODO-X V-RAPTOR V-RAPTOR XL	REC FOCUS IRIS SHUTTER ISO FPS CT EV AUTO FOCUS TOUCH FOCUS AF/MF
RCP2	KOMODO KOMODO-X V-RAPTOR V-RAPTOR XL	
5 pins to 4 pins Cable	DSMC2	REC FOCUS IRIS SHUTTER ISO MENU PLAYBACK F1/F2/F3/F4/A/B

ARRI

Wi-Fi Control *Built-in Wireless Module	ARRI Mini	REC FORMAT CODEC FORMAT FPS CT LOOK SHUTTER MODE(SPEED/ANGLE) SHUTTER CONTROL WB EI PLAYBACK LAST/NEXT ENTER/EXIT PLAY/STOP
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Nikon

Wi-Fi Control *Built-in Wireless Module	Z8 Z9	REC TAKE PHOTO CAMERA MODE(P/M/S/A) ISO AUTO ISO SHUTTER IRIS EV WB CT FOCUS+/- FOCUS MODE(AF-F/AF-S/AF-C/MS) FOCUS FOCUS AREA TOUCH FOCUS
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SONY

LANC Control Cable	FS5 FS7 FX6 FX9	REC IRIS ZOOM FOCUS MAG DISPLAY FUNCTION JOYSTICK WHEEL PLAYBACK MENU
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MULTI Control Cable	A9 I A9 II A7M II A7R II A7S II A7M III A7R III A7S III A7R IV A7M IV A6000 A6300 A6400 A6500 RX100 RX02 FX3 FX30	ZOOM REC IRIS ISO SHUTTER SINGLE FOCUS TAKE PHOTOS
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TYPE-C(USB-C) Control Cable	A1 A7C ZV-E10 ZV-1 A9 II A7M III A7R III A7S III A7R IV A7M IV FX3 FX30	REC IRIS ISO CT SHUTTER EV WB FOCUS AREAS SINGLE FOCUS CAMERA MODE
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Wi-Fi Control *Built-in Wireless Module	A1 A9 II A7S III A7C A7C II FX3 FX30 ZV-1 ZV-E1 ZV-E10 RX10 A7M IV A7R IV A7R V	ZOOM TOUCH FOCUS REC IRIS ISO CT SHUTTER EV WB FOCUS AREAS SINGLE FOCUS CAMERA MODE
	RX0	
	A7M III	REC ISO IRIS CT WB EV SHUTTER SINGLE FOCUS CAMERA MODE TAKE PHOTOS RECORDING FORMAT

Blackmagic

Bluetooth Connection *Built-in Wireless Module	BMPCC 4K (ZOOM) BMPCC 6K BMPCC 6K Pro URSA MINI PRO 4.6K	REC PLAYBACK IRIS FOCUS ISO RESOLUTION WHITE BALANCE MODE SELECTION SHUTTER AUTO EXPOSURE OFF SPEED RECORDING PROJECT FRAME RATE CODEC AND QUALITY OFF SPEED FRAME RATE
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LANC Control Cable	BLACKMAGIC URSA MINI 4K BLACKMAGIC URSA MINI 4.6K BLACKMAGIC URSA MINI PRO 4.6K G2 BLACKMAGIC URSA BROADCAST BLACKMAGIC CINEMA CAMERA 2.7K BLACKMAGIC CINEMA CAMERA 4K BLACKMAGIC MICRO STUDIO CAMERA 4K	REC IRIS AUTO IRIS FOCUS AUTO FOCUS
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Canon

LANC Control Cable	C70 C700 PL C700 G5PL C300 MARK II C300 MARK II PL C300 MARK III C200 C200 B C100 C100 MARK II	REC IRIS FOCUS MAG DISPLAY MENU FUNCTION JOYSTICK PLAYBACK
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TYPE-C(USB-C) Control Cable	EOS R EOS R5 (TOUCH FOCUS) EOS R6 (TOUCH FOCUS) EOS R6 Mark II (TOUCH FOCUS)	REC IRIS ISO SHUTTER FOCUS AUTO FOCUS TAKE PHOTOS REAL-TIME PREVIEW
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MICRO USB Control Cable	1DX 1DX MARK II 5DS 5DS R 5D MARK IV	
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MINI USB Control Cable	5D MARK III 5D MARK II 6D 6D MARK II 80D	
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Wi-Fi Control *Built-in Wireless Module	EOS R5 EOS R5 Mark II EOS R6 EOS R6 Mark II EOS R7 EOS R8	REC ISO IRIS WB CT SHUTTER EV AF/MF TAKE PHOTOS FOCUS AUTO FOCUS TOUCH FOCUS
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Panasonic

	S1 G9	TAKE PHOTOS
	GH6 S1H S1R GH5 II (AF/MF)	EV TAKE PHOTOS TOUCH FOCUS
TYPE-C(USB-C) Control Cable	S5 S5M2 S5M2X	REC ISO IRIS WB AUTO FOCUS FOCUS CT SHUTTER

	BGH1 BS1H	EV SS/GAIN CONTROL THE NATIVE MENU AF/MF TOUCH FOCUS
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Wi-Fi Control *Built-in Wireless Module	BGH1 BS1H	REC ISO IRIS SHUTTER WB CT EV SS_GAIN AF/MF TOUCH FOCUS CAMERA MODE MENU
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TILTA

TILTA Nucleus N/M Control Cable	NUCLEUS - N NUCLEUS - M	CAL RUN AB LIMIT
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Z CAM

LANC Control Cable	E2	REC IRIS ISO ZOOM TOUCH FOCUS SHUTTER(ANGLE/SPEED) FRAME AF/MF RESOLUTION MANUAL FRAME PLAYBACK COLOR TEMPERATURE FN F1/F2/F3 MENU OK BUTTON UP/DOWN BUTTON FOCUS
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REC Key

LANC Control Cable	WIRELESS RECORDING EXPANSION CAMERA RECORDING
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