

# 2023 PRODUCT MANUAL



DEDICATED



PROFESSIONAL



EXTRAORDINARY

# BM5III

2200nit Wide Color Gamut  
Wired Camera Control Monitor



Custom 3D LUT



Wired Camera Control



Image Capture and Overlay



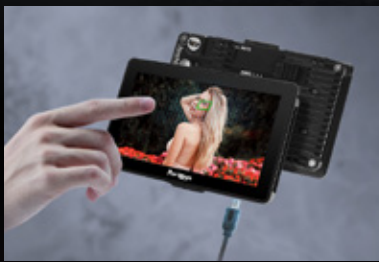
Connected to REC KEY



Anamorphic



Factory Color Calibration



## Wired Control Camera

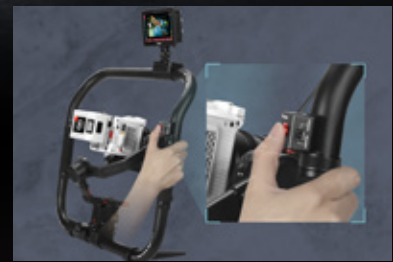
Support wired control the functions of Z CAM, Canon, Sony, Panasonic and BMD



## Custom JPG Picture Freeze Frame

After capturing an image, it can be compared with real-time video by semi-transparent image superposition

Note: Must be a 16:9 1920x1080 jpg image



## Connected to REC KEY

REC KEY can be the record switch of cameras when connecting BM5III. At the same time REC KEY can also be used independently as a record switch of camera which has the remote port

## Brightness and RGB Signal Detection Before/After Loading 3D LUT

Loading 3D LUT More gorgeous image, More intuitive monitoring

## Wired Control Tilta Nucleus-N/M Motors

Compatible with Tilta Nucleus-N/M Motors and display the wireless follow the focus scale

## CNC Aluminum Alloy All-metal Shell

With Fast Heat Dissipation and High Durability

## Anamorphic Lens Calibration

Supported Ratio:

1.00X/1.33X/1.42X/1.50X/1.60X/1.66X/1.85X/2.00X/2.35X

User-defined adjustment range: 0.25X-4.00X

## Customized Peaking Range(Peaking Frame)

New Peaking New Algorithm More intuitive More accurate

## HDMI to SDI HD Output

Built-in signal conversion, no external signal conversion box required



# PRODUCT INTRODUCTION

## Basic Parameters

Screen Size	5.5"	Contrast Ratio	1000:1
Color Gamut	85% P3	Weight	383g
Resolution	1920x1080	Maximum Power	14W
Brightness	2200nit	Video Signal Output	SDI
Viewing Angle	178°H/178°V	Antenna	2.4G
Dimension	145.4x120.9x38.5mm		
Color Depth	10bit(8+2 FRC)		
Material	Aluminum alloy+Toughened glass		
Video Signal Input	SDI, HDMI		
Motor Control Port	5pin Aviation Connector		
Camera Control Port	Mini USB 10pin		
Input Voltage	4pin Aviation Connector IN 7.4 -24V		
Output Voltage	4pin Aviation Connector OUT 7.4V (NPF)		
USB-A	Upgrade Firmware /Load LUT		

## Software Function

3D LUT	HDR(HLGH)	Screenshots
Anamorphic	Osd Flip	Rectangle Crop
New Peaking	False Color	Fan Adjustable
Histogram	H/V Delay	BMD SDI TALLY
Guides	Aspect	3D LUT SDI Output
Custom RGB	Zebra	HDMI to SDI Output
Check Field	Sharpness	Touch Switch (EXIT)
Grids	Chroma	High Precision Waveform
Audio Meters	Brightness	Battery (Level) Display
Tint	Contrast	Wired/wireless Camera Control
Backlight	Underscan	Cross Hair
Image Flip Automatically/Manually	1080p Refresh Rate Reduced to 1080i	
Control Tilt	Motor and Cursor Display	Screenshot and Video Overlay

## HDMI Signal

1920x1080p@23.97Hz,24Hz,25Hz,29.97Hz,30Hz,50Hz,59.94Hz,60Hz
1920x1080psf@23.97Hz,24Hz,25Hz,29.97Hz,30Hz
1920x1080i@50Hz,59.94Hz,60Hz
1280x720p@50Hz,59.94Hz,60Hz
720x576i@50Hz
720x576p@50Hz
720x480p@59.94Hz,60Hz
720x480i@59.94Hz,60Hz

## SDI Signal

1920x1080p@50fps,59.94fps,60fps
1920x1080p@50Hz,59.94Hz,60Hz,YUV422
1920x1080p@23.98Hz,24Hz,25Hz,29.94Hz,30Hz YUV444/YUV422
1920x1080psf@23.98Hz,24Hz,25Hz,29.97Hz,30Hz YUV444/YUV422
1920x1080i@50Hz,59.94Hz,60Hz YUV444/YUV422
1280x720p @50Hz,59.94Hz,60Hz YUV444/YUV422

## Packing List



### RED

**RCP2** KOMODO KOMODO-X V-RAPTOR V-RAPTOR.XL  
REC FOCUS IRIS SHUTTER ISO FPS CT EV AUTO FOCUS TOUCH FOCUS MANUAL AUTO MODE SWITCHING

5 pins to 4 pins Cable DSMC2  
REC FOCUS IRIS SHUTTER ISO MENU PLAYBACK F1/F2/F3

### SONY

**LANC Control Cable** FS5 FS7 FX6 FX9  
REC IRIS ZOOM FOCUS DIGITAL ZOOM DISPLAY FUNCTION JOYSTICK WHEEL PLAYBACK MENU

**MULTI Control Cable** A9I A9II A7M II A7R II A7S II A7M III A7R III A7S III A7R IV A7M IV A6000 A6300 A6400 A6500 RX100 RX02 FX3 FX30  
REC TAKE PHOTOS IRIS ISO SHUTTER ZOOM SINGLE FOCUS

**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

### Blackmagic

**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 AUTO FOCUS MANUAL FOCUS

### Canon

**LANC Control Cable** C700 PL C700 GSP L C300 MARK II C300 MARK II PL C200 C200 B C100 C100 MARK II  
REC IRIS FOCUS DIGITAL ZOOM DISPLAY FUNCTION JOYSTICK PLAYBACK MENU

**TYPE-C(USB-C) Control Cable** EOS R  
REC IRIS ISO SHUTTER SHOOTING AUTO FOCUS REAL-TIME PREVIEW MANUAL FOCUS

**MICRO USB Control Cable** 1DX 1DX MARK II 5DS 5DS R 5D MARK IV

**MINI USB Control Cable** 5D MARK III 5D MARK II 6D 6D MARK II 80D

### Panasonic

**TYPE-C(USB-C) Control Cable** S1 S5 G9  
REC ISO IRIS WB AUTO FOCUS FOCUS +/- COLOR TEMPERATURE SHUTTER SHOOTING

GH6 S1H S1R GH5II S5 II TOUCH FOCUS  
BGH1 BS1H TOUCH FOCUS Control the native menu

### TILTA

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

### Z CAM

**LANC Control Cable** E2 S6 (eND) E2 F6 (eND) E2  
REC IRIS ISO ZOOM TOUCH FOCUS SHUTTER(ANGLE/SPEED) FRAME MANUAL AUTO MODE SWITCHING RESOLUTION MANUAL FRAME PLAYBACK COLOR TEMPERATURE FN F1/F2/F3 MENU OK BUTTON UP/DOWN BUTTON MANUAL FOCUS

### REC Key

**LANC Control Cable** WIRELESS RECORDING EXPANSION CAMERA RECORDING