

PortKeys

MT22DS P3

Multi-Screen Cinema
Production Monitor



3D LUT



Time Code



Anamorphic



Waveform Output



Folding Holder

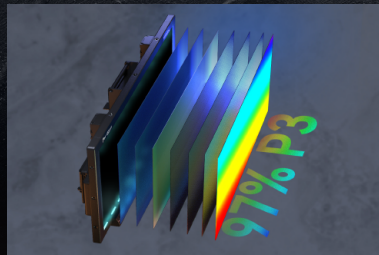


Vesa Holder



Multi-Screen Monitoring

Detect Single / Dual / Triple signals automatically, flexibly monitoring Multi-Screen. Loading one 3D LUT to all screen at the same time. Triple screen can be displayed in vertical or horizontal synchronously, while Dual screen can be vertical or horizontal freely.



21.5-Inch Screen 97%P3 1200NITS

The quantum optical film technology, which covers 97% of the P3 color gamut, diffuses and focuses blue light from LEDs through a quantum dot film, ensuring a brightness of 1200 nits. This technology offers a high degree of color accuracy and faithfully reproduces wide-gamut images.



Wireless Video Transmission Power supply Plate

Supports NPF battery wireless video transmission and V-mount battery wireless video transmission with 90°/180°/270° adjustment



(Triple Screen - Landscape Display)



(Triple Screen - Portrait Display)



(PIP)



(Dual Screen - Simultaneous Display)



(Single Signal - H2V Crop)

Factory Color Calibration Before Shipment

Add User 1 and User 2 to the color gamut. Custom calibration via User 1 and User 2, import LUTs for use

CNC Aluminum Alloy All-metal Shell

With Fast Heat Dissipation and High Durability

1000nit High Brightness

Fearless of bright light, clearly visible in the sunshine

HDMI to SDI HD Output

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



PRODUCT INTRODUCTION

Basic Parameters

Screen Size	21.5"	Contrast Ratio	1000:1
Color Gamut	97% DCI-P3 D65	Weight	5.8kg
Resolution	1920x1080	Brightness	1200nits
Viewing Angle	80 /80 /80 /70	Fan	Yes
Dimension	523.6x320.6x65.8mm	Maximum Power	50W
Material	Aluminum Alloy	Input Voltage	DC 12~24V
Operating System	Portkeys OS		

Software Function

New Peaking	* 3D LUT	Luma Waveform
RGB Waveform	Vector Scope	Luma Histogram
RGB Histogram	Audio Meters	Waveform (All)
Color Temperature	Waveform (Multi-view)	Custom RGB
Zebra	Tint	Guides
Battery Voltage Detection	Cross Hair	Color Calibration
False Color	HDR(HLG)	TALLY
Check Field	Underscan	Time Code
3G-SDI LEVEL B Mode	GPI-Customize	Grids
Contrast	Brightness	ARRI False Color
Chroma	Rectangle Crop	Sharpness
HDMI and SDI Convert	3D LUT Output	Backlight
Anamorphic	Touch Display F Button Function	48V Phantom Audio Embedded SDI Output
Semi-transparent Superimposed JPG Freeze Frame Image		
Screen Flip	Menu Flip	Dual Screen Mirroring
Image Capture	Dual Screen 90° Rotation	
H2V Crop	Third-party JPG Image Loading	
Waveform optional detection of 3D LUT data before and after loading		

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

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 & 720x576p@50Hz
- 720x480p & 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
- 720x480i@59.94Hz YUV422
- 720x576i@50Hz YUV422

Adaptable Battery Plate

V-mount Plate	Sony V-mount
AB Mount Plate	Anton Bauer Mount
IDX Plate	Sony V-mount / Anton Bauer Mount

Packing List



Interface

Video Input/Output	Input Interface : 3G SDI X 2, GPI, HDMI Output Interface : 3G SDI, HDMI
Signal Conversion	HDMI IN to SDI OUT, SDI IN to HDMI OUT, Waveform OUT, 3D LUT OUT
USB-A	Upgrade Firmware, Load LUT, Freeze-frame JPG Image Loading, Third-party JPG Image Loading, JPG Instruction Manual Loading
Audio Input/Output	Input Interface : XLR 1, XLR 2 Output Interface : 3.5mm Headphone Jack
Power Input / Output	Input Interface : 4 Pin XLR 12~24V Output Interface : USB 5V, NPF Battery Plate *2
Color Calibration Port	Color Calibration
Built-in Loudspeaker	4Ω3W

