Portkeys MT22DS P3

SKU: PK-MT22DS-P3

21.5" 1200 Nits HDMI/SDI 97%P3 Wide Color
Gamut Production Monitor
- 21.5-inch, 8-bit panel with a resolution of 1920 x 1080 and
  a 1000:1 contrast ratio.
- Daylight viewable with a maximum brightness of 1,200nits.
- Factory color-calibrated: 97% coverage of P3.
- 2 x 3G-SDI input, 1 x GPI input, 1 x HDMI input, 1 x HDMI output,
  1 x 3G-SDI output with cross-conversion from every direction.
- Two XLR audio outputs with 48V phantom power.
- Split screen monitoring, you can monitor up to three video inputs
  simultaneously.
- Professional monitoring tools: Waveform, Vectorscope,
  Anamorphic, Peaking, ARRI False Color.
- 3D LUT monitoring and 3D LUT SDI output capabilities.
- Multiple function buttons for easy access to your favorite
  monitoring tools.
- V-Mount / Gold Mount battery plate. 4-pin XLR 12-24V power
  input.
- Built-in Sony NP-F battery plates with pass-through power to
  power wireless video receivers.
- VESA mounting points at the back of the monitor.
- Built-in carrying handle and comes with a removable table stand.
- Rugged all-aluminum housing with 1/4⌀-20 mounting points on
  the sides.

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	523.6×320.6×65.8mm	Maximum Power	50W
Material	Aluminum Alloy	Input Voltage	DC 12 -24V

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

Box includes:

1x MT22DS Monitor
1x Folding Holder
1x Power Cable 12V8A
1x M2.5 Inner Allen Key
1x Crystal Drop Rubber Button

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
720×576i & 720×576p@50Hz
720×480p & 720×480i@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
720×480i@59.94Hz YUV422
720×576i@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

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、
	Built-in Loudspeaker 4Ω3W
Power Input / Output	Input Interface: 4 Pin XLR 12~24V
	Output Interface: USB 5V、NPF Battery Plate *2
Color Calibration Port	Color Calibration