

42"SURGICAL DISPLAY MHSD-4200RC BUILT-IN RECORDING & STORAGE

FUNCTIONAL DRAFT SPECIFICATION



Applications:

Endoscopy Laparoscopy Digital OR

Release Date 28th May 2021

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Technical Specification

Active Screen Size (Diagonal) Active Screen Size (H x V) Aspect Ratio Resolution Pixel Pitch Viewing Angle (H, V) Maximum Luminance Contrast Ratio Color Response Time (Tr + Tf) Video Inputs Signals Interface Port Active Screen Size (Diagonal) 42" 930.24 x 523.26 mm 16:9 1920 x 1080 178° Available Alpha Inputs Sol / HDMI / DVI & VGA (Please select one from above option) Digital: - SDI, HDMI Port, DVI Analog: - 15 Pin D-Sub	Screen Technology	TFT AM LCD
Aspect Ratio Resolution 1920 x 1080 Pixel Pitch 0.4845 mm Viewing Angle (H, V) 178° Maximum Luminance 700 cd/m² Contrast Ratio 4000:1 Color 16.7 Million Response Time (Tr + Tf) 8 ms Video Inputs Signals Video Inputs Signals Interface Port Digital: - SDI, HDMI Port, DVI Analog: - 15 Pin D-Sub	Active Screen Size (Diagonal)	42"
Resolution 1920 x 1080 Pixel Pitch 0.4845 mm Viewing Angle (H, V) 178° Maximum Luminance 700 cd/m² Contrast Ratio 4000:1 Color 16.7 Million Response Time (Tr + Tf) 8 ms Video Inputs Signals SDI / HDMI / DVI & VGA (Please select one from above option) Interface Port Digital: - SDI, HDMI Port, DVI Analog: - 15 Pin D-Sub	Active Screen Size (H x V)	930.24 x 523.26 mm
Pixel Pitch 0.4845 mm Viewing Angle (H, V) 178° Maximum Luminance 700 cd/m² Contrast Ratio 4000:1 Color 16.7 Million Response Time (Tr + Tf) 8 ms Video Inputs Signals SDI / HDMI / DVI & VGA (Please select one from above option) Interface Port Digital: - SDI, HDMI Port, DVI Analog: - 15 Pin D-Sub	Aspect Ratio	16:9
Viewing Angle (H, V)178°Maximum Luminance700 cd/m²Contrast Ratio4000:1Color16.7 MillionResponse Time (Tr + Tf)8 msVideo Inputs SignalsSDI / HDMI / DVI & VGA (Please select one from above option)Interface PortDigital: - SDI, HDMI Port, DVI Analog: - 15 Pin D-Sub	Resolution	1920 x 1080
Maximum Luminance700 cd/m²Contrast Ratio4000:1Color16.7 MillionResponse Time (Tr + Tf)8 msVideo Inputs SignalsSDI / HDMI / DVI & VGA (Please select one from above option)Interface PortDigital: - SDI, HDMI Port, DVI Analog: - 15 Pin D-Sub	Pixel Pitch	0.4845 mm
Contrast Ratio 4000:1 Color 16.7 Million Response Time (Tr + Tf) 8 ms Video Inputs Signals (Please select one from above option) Interface Port Digital: - SDI, HDMI Port, DVI Analog: - 15 Pin D-Sub	Viewing Angle (H, V)	178°
Color Response Time (Tr + Tf) Video Inputs Signals SDI / HDMI / DVI & VGA (Please select one from above option) Digital: - SDI, HDMI Port, DVI Analog: - 15 Pin D-Sub	Maximum Luminance	700 cd/m ²
Response Time (Tr + Tf) Video Inputs Signals SDI / HDMI / DVI & VGA (Please select one from above option) Digital: - SDI, HDMI Port, DVI Analog: - 15 Pin D-Sub	Contrast Ratio	4000:1
Video Inputs Signals SDI / HDMI / DVI & VGA (Please select one from above option) Digital: - SDI, HDMI Port, DVI Analog: - 15 Pin D-Sub	Color	16.7 Million
Video Inputs Signals (Please select one from above option) Digital: - SDI, HDMI Port, DVI Analog: - 15 Pin D-Sub	Response Time (Tr + Tf)	8 ms
Interface Port Digital: - SDI, HDMI Port, DVI Analog: - 15 Pin D-Sub		SDI / HDMI / DVI & VGA
Analog: - 15 Pin D-Sub		(Please select one from above option)
Analog: - 15 Pin D-Sub	Interface Port	Digital: - SDI, HDMI Port, DVI
Digital LDM		Analog: - 15 Pin D-Sub
Video Outputs Signals Digital: HDIVII	Video Outputs Signals	Digital: HDMI
Analog: VGA		Analog: VGA
In-Built, Fully Integrated with Monitor	Recording System	In-Built, Fully Integrated with Monitor
1TB Storage (Expandable to 2TB)		1TB Storage (Expandable to 2TB)
Simultaneous Recording & Video Display		Simultaneous Recording & Video Display
Other Features -		Other Features -
Recording Start & Pause Button		Recording Start & Pause Button
Recording System Screenshot Button		Screenshot Button
USB for Copying Recorded Videos		USB for Copying Recorded Videos
Ethernet for Connectivity with Hospital / Clinic Network		Ethernet for Connectivity with Hospital / Clinic Network
Optional Features -		Optional Features -
Wi-Fi, Bluetooth		Wi-Fi, Bluetooth
Output Signal for Connecting to Slave / Passive Monitor		Output Signal for Connecting to Slave / Passive Monitor
Power Requirements AC 240V	Power Requirements	AC 240V
Power Consumption 110W Max	Power Consumption	110W Max
Power Saving EPA, VESA Standard		EPA, VESA Standard
Operating Temperature 0 to +50°C	Operating Temperature	0 to +50°C
Storage Temperature -20 to +60°C	Storage Temperature	-20 to +60°C
Relative Humidity 10% to 90% (Non-Condensing)	Relative Humidity	10% to 90% (Non-Condensing)
Housing Color White	·	White
Housing Material Metal		Metal
Mounting Standard VESA (100 mm)		VESA (100 mm)