

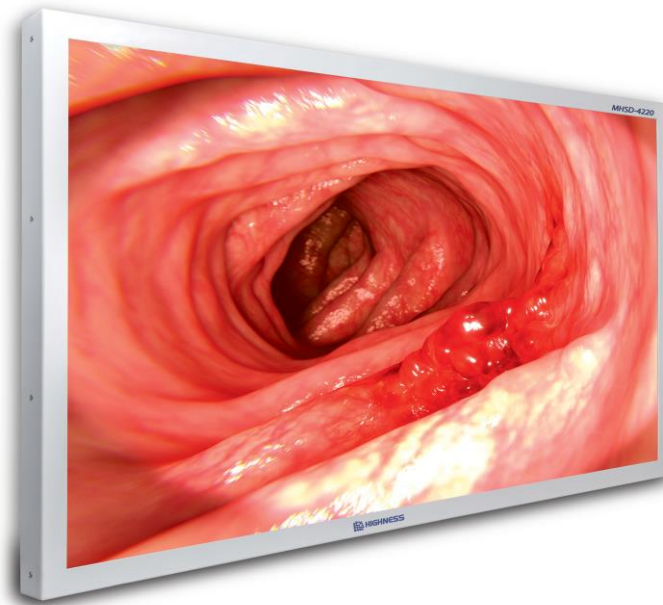


**HIGHNESS**<sup>TM</sup>

**42" SURGICAL DISPLAY  
MHSD-4200RC**

**BUILT-IN RECORDING & STORAGE**

FUNCTIONAL DRAFT SPECIFICATION



**Applications:**

Endoscopy

Laparoscopy

Digital OR

Release Date  
28<sup>th</sup> May 2021

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**HIGHNESS MICROELECTRONICS PVT LTD.**

URL: [www.highnessmicro.com](http://www.highnessmicro.com), Email: [sales@highnessmicro.com](mailto:sales@highnessmicro.com)

## Technical Specification

Screen Technology	TFT AM LCD
Active Screen Size (Diagonal)	42"
Active Screen Size (H x V)	930.24 x 523.26 mm
Aspect Ratio	16:9
Resolution	1920 x 1080
Pixel Pitch	0.4845 mm
Viewing Angle (H, V)	178°
Maximum Luminance	700 cd/m <sup>2</sup>
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
Video Outputs Signals	Digital: HDMI Analog: VGA
Recording System	In-Built, Fully Integrated with Monitor 1TB Storage (Expandable to 2TB) Simultaneous Recording & Video Display
	Other Features - Recording Start & Pause Button Screenshot Button USB for Copying Recorded Videos Ethernet for Connectivity with Hospital / Clinic Network
	Optional Features - Wi-Fi, Bluetooth Output Signal for Connecting to Slave / Passive Monitor
Power Requirements	AC 240V
Power Consumption	110W Max
Power Saving	EPA, VESA Standard
Operating Temperature	0 to +50°C
Storage Temperature	-20 to +60°C
Relative Humidity	10% to 90% (Non-Condensing)
Housing Color	White
Housing Material	Metal
Mounting Standard	VESA (100 mm)