



HIGHNESS™

55" SURGICAL DISPLAY

MHSD-5500RC

BUILT-IN RECORDING & STORAGE

FUNCTIONAL DRAFT SPECIFICATION



Applications:

Endoscopy

Laparoscopy

Digital OR

Updated Version
10th Nov 2020

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HIGHNESS MICROELECTRONICS PVT LTD.

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Technical Specification

Screen Technology	TFT AM LCD
Active Screen Size (Diagonal)	55"
Active Screen Size (H x V)	1209.6 x 680.4 mm
Aspect Ratio	16:9
Resolution	1920 x 1080
Pixel Pitch	0.630 mm
Viewing Angle (H, V)	178°
Maximum Luminance	450 cd/m ²
Contrast Ratio	1100:1
Color	16.7 Million
Response Time (Tr + Tf)	16 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	90W 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	Wall Mount