



One of a kind

55" SURGICAL DISPLAY

MHSD-5500RCT

BUILT-IN RECORDING & STORAGE



Applications:

Endoscopy
Laparoscopy
Digital OR

Rev.01

Updated Date
06th May 2023

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HIGHNESS MICROELECTRONICS LTD.

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1. 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	210 x 630 μm
Viewing Angle (H, V)	178°, 178°
Maximum Luminance	500 cd/m ²
Contrast Ratio	1200:1
Color	16.7 Million
Response Time (Tr + Tf)	8 ms
Video Inputs Signals	HDMI
Interface Port	HDMI
Video Outputs Signals	HDMI / VGA
Recording System	In-Built, Fully Integrated with Monitor 1TB Storage (Expandable to 2TB) Simultaneous Recording & Video Display
	Recording Features - Recording Start & Pause Button Screenshot Button USB for Copying Recorded Videos Ethernet for Connectivity with Hospital / Clinic Network
	Other Features - Wi-Fi, Bluetooth Output Signal for Connecting to Slave / Passive Monitor
Built in Operating System	Windows 10 (Pre-installed), Recording Software
Touch Screen Type	Multi-Point Projected Touch Screen
Power Requirements	DC 24V (6.67A)
Power Consumption	TBA
Operating Temperature	0 to +50°C
Storage Temperature	-20 to +60°C
Relative Humidity	10% to 90% (Non Condensing)
Backlight Life	30,000 hours
Housing Color	White
Housing Material	Metal
Weight	TBA
Mounting Standard	Wall Mount

2. Mechanical Drawing (TBA)

*(Manufacturer reserves the sole right to change the specifications without prior notice)
(Touch screen will reduce the original luminance of the LCD display)*