



# HIGHNESS<sup>TM</sup>

*One of a kind*

## 42.5" SURGICAL DISPLAY

### MHSD-4300RCT

## Built-In Recording & Storage



#### Applications:

Endoscopy

Laparoscopy

Digital OR

Rev.01

Update Date

03<sup>rd</sup> May 2023

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## HIGHNESS MICROELECTRONICS LTD.

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

## 1. Technical Specification

Screen Technology	TFT AM LCD
Active Screen Size (Diagonal)	42.5"
Active Screen Size (H x V)	940.896 x 529.245 mm
Aspect Ratio	16:9
Resolution	1920 x 1080
Pixel Pitch	163.35 x 490.05 $\mu$ m
Viewing Angle (H, V)	178°, 178°
Maximum Luminance	700 cd/m <sup>2</sup>
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
	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 (Optional) 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)