



HIGHNESS™

One of a kind

MHSD-2100WST

21.5" Medical Grade Workstation With
Multi-Point Projected Touch Screen



Applications:

Endoscopy
Laparoscopy
Digital OR

Release Date
11th May 2023

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HIGHNESS MICROELECTRONICS PVT LTD.

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Technical Specification

Screen Size	21.5" diagonal	
Active Area (H x V)	476.064 x 267.786 mm	
Resolution	1920 x 1080	
Aspect Ratio	16:9	
Pixel Pitch (H x V)	0.24795 mm	
Color	16.7Million	
Viewing Angle	89°/89°/89°/89°	
Luminance	500 cd/m ²	
Contrast	1000:1	
Response Time	20ms	
Operating Temperature	-10° to +60° C	
Storage Temperature	-20° to +60° C	
Output Signals	HDMI/ VGA	
In-Built System	Intel® Core™ i7 CPU@ 1.70GHz ~ 2.20GHz RAM 8GB (Expandable 16GB) 256GB SSD (Expandable 1TB)	
I/O Port	USB	USB2.0, USB3.0
	COM Port	RS232/RS422/RS485 (Optional)
	GPIO	Connector 10 Pin (Optional)
	Network	10/100/1000M Ethernet Controller Other Features- Wi-Fi, Bluetooth (Optional) Output Signal for Connecting to Slave/Passive Monitor
Touch Screen Type	10 Point Multipoint Touch Capacitive	
Operating System	Windows 10 (Pre-Installed)	
Power Input	AC 230V	
Power Consumption	60 Watt	
Backlight Type	LED	
Backlight Life	30,000 hours	
Enclosure	Mild Steel / Aluminum	
Mounting	VESA (100 mm)	