



18.5" MEDICAL GRADE WORKSTATION

- ◆ Full HD LCD
- ◆ Built-In System
- ◆ Multi Point Touch Screen



Applications:

- Laparoscopy
- GI Endoscopy
- Bronchoscopy
- Surgical Microscopy
- Arthroscopy
- Neuro-Spine Surgery
- Digital OR
- PACS / HIS

MHSD-1800WST

TECHNICAL SPECIFICATIONS

Model	MHSD-1800WST	
Active Screen Size (Diagonal)	18.5" diagonal	
Active Screen Size (H x V)	408.96 x 230.04 mm	
Aspect Ratio	16:9	
Resolution	1920 x 1080	
Pixel Pitch (H x V)	213 x 213 μ m	
Viewing Angle (H, V)	178°, 178°	
Maximum Luminance	400 cd/m ²	
Contrast Ratio	1000:1	
Color	16.7 Million	
Response Time (Tr + Tf)	20 ms	
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 to 16GB) Storage 256GB SSD (Expandable to 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
Surface	Toughened Glass with IP 65 Grade (Optional)	
Touch Screen Type	10 Point Multipoint Touch Capacitive (Optional)	
Operating System	Windows 10 (Pre-Installed)	
Power Input	DC 12V (5A)	
Power Consumption	60W	
Backlight Type	LED	
Backlight Life	50,000 hours	
Enclosure	Mild Steel / Aluminum	
Mounting	VESA (75 mm)	
Applications	Laparoscopy, GI Endoscopy, Bronchoscopy, Surgical Microscopy, Arthroscopy, Neuro-Spine Surgery, Digital OR, PACS / HIS	



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