

# MEDICAL GRADE WORKSTATION

## MULTI-POINT TOUCH SCREEN

INTERNAL STORAGE, USB, ETHERNET, Wi-Fi, BLUETOOTH  
Toughened Glass with IP 65 Grade

Windows 10 (Pre-Installed)



Model	MHSD-1800WS	MHSD-2100WS	MHSD-2400NWS
Product Shot			
Active Screen Size (Diagonal)	18.5"	21.5"	24"
Active Screen Size (H x V)	408.96 x 230.04 mm	476.064 x 267.786 mm	527.04 x 296.46 mm
Aspect Ratio	16:9	16:9	16:9
Resolution	1920 x 1080	1920 x 1080	1920 x 1080
Pixel Pitch (H x V)	213 x 213 μm	0.24795 x 0.24795 mm	0.2745 x 0.2745 mm
Viewing Angle (H, V)	178°, 178°	178°, 178°	178°, 178°
Maximum Luminance	400 cd/m <sup>2</sup>	350 cd/m <sup>2</sup>	450 cd/m <sup>2</sup>
Contrast Ratio	1000:1	1000:1	1000:1
Color	16.7 Million	16.7 Million	16.7 Million
Response Time (Tr + Tf)	20 ms	20 ms	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	
Surface	Other Features : Wi-Fi, Bluetooth (Optional) Output Signal for Connecting to Slave / Passive Monitor Toughened Glass with IP 65 Grade (Optional)		
Touch Screen Type	10 Point Multipoint Touch Capacitive (Optional)		
Operating System	Windows 10 (Pre-Installed)		
Power Input	AC 230V		
Power Consumption	60 Watt	60 Watt	60 Watt
Backlight Type	LED		
Backlight Life	50,000 hours	30,000 hours	30,000 hours
Enclosure	Mild Steel / Aluminum		
Mounting	VESA (75 mm)	VESA (100 mm)	



# MEDICAL GRADE WORKSTATION

## MULTI-POINT TOUCH SCREEN

INTERNAL STORAGE, USB, ETHERNET, Wi-Fi, BLUETOOTH  
Toughened Glass with IP 65 Grade

Windows 10 (Pre-Installed)



Model	MHSD-3200WS	MHSD-4300WS	MHSD-5500WS
Product Shot			
Active Screen Size (Diagonal)	32"	43"	55"
Active Screen Size (H x V)	698.4 x 392.85 mm	941.2 x 529.416 mm	1209.6 x 680.4 mm
Aspect Ratio	16:9	16:9	16:9
Resolution	1920 x 1080	1920 x 1080	1920 x 1080
Pixel Pitch (H x V)	121.25 x 363.75 μm	0.4902 x 0.4902 mm	0.315 x 0.315 mm
Viewing Angle (H, V)	178°, 178°	178°, 178°	178°, 178°
Maximum Luminance	300 cd/m <sup>2</sup>	450 cd/m <sup>2</sup>	800 cd/m <sup>2</sup>
Contrast Ratio	1200:1	1100:1	1300:1
Color	16.7 Million	16.7 Million	16.7 Million
Response Time (Tr + Tf)	10 ms	16 ms	13 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	
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	AC 230V		
Power Consumption	192 Watt	192 Watt	192 Watt
Backlight Type	LED		
Backlight Life	30,000 hours	30,000 hours	30,000 hours
Enclosure	Mild Steel / Aluminum		
Mounting	Wall Mount & VESA (200mm)*		Wall Mount

