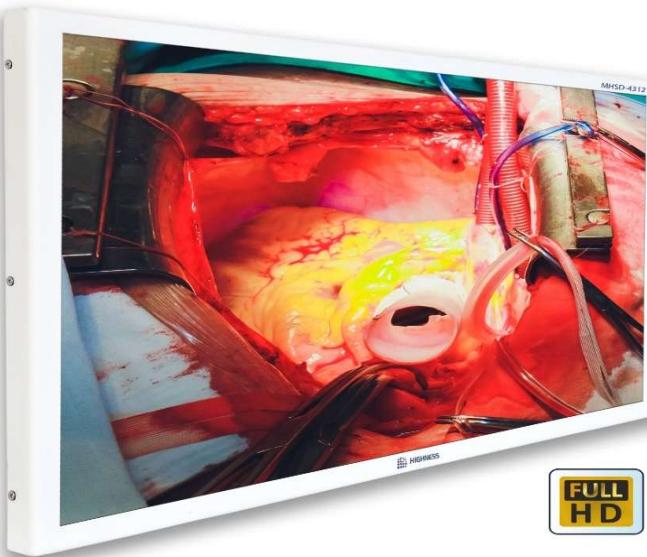




## 42.5" Medical Grade Workstation With Multi-Point Touch Screen



### Applications:

- Endoscopy
- Laparoscopy
- Digital OR

Rev.01

Update Date  
04<sup>th</sup> Jan 2025

THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION WHICH IS SOLELY OWNED BY 'HIGHNESS MICROELECTRONICS LTD'. ANY UNAUTHORISED COPY OR PRINTING OR PUBLISHING OF INFORMATION IN THIS DOCUMENT IN PART OR IN COMPLETE IS RESTRICTED.

**HIGHNESS MICROELECTRONICS LTD.**

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

## 1. Technical Specification

Screen Size	42.5" diagonal	
Active Area (H x V)	940.896 x 529.254 mm	
Resolution	1920 x 1080	
Aspect Ratio	16:9	
Pixel Pitch (H x V)	163.35 x 490.05 mm	
Color	16.7Million	
Viewing Angle	89°/89°/89°/89°	
Luminance	700 cd/m <sup>2</sup>	
Contrast	1200:1	
Response Time	8ms	
Operating Temperature	0° to +50° C	
Storage Temperature	-20° to +60° C	
Output Signals	HDMI/ VGA	
In-Built System	Intel® Core™ i7 CPU@ 2.20GHz ~ 2.60GHz RAM 8GB (Expandable 16GB) 256GB SSD (Expandable 1TB)	
I/O Port	USB	USB2.0
	COM Port	RS232/RS422/RS485 (Optional)
	Network	10/100/1000M Ethernet Controller
		Other Features- Wi-Fi, Bluetooth (Optional) Output Signal for Connecting to Slave/Passive Monitor
Surface Treatment		Multipoint Touch Screen (Optional) Toughened Glass (Optional)
Operating System	Windows 10 (Pre-Installed)	
Power Input	DC 24V (6.67A)	
Power Consumption	160W	
Backlight Type	LED	
Backlight Life	30,000 hours	
Enclosure	Mild Steel / Aluminum	
Weight	TBA	
Mounting	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)*