



HIGHNESSTM

One of a kind

MHSD-1800WST

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



Rev.01
Release Date
04th May 2023

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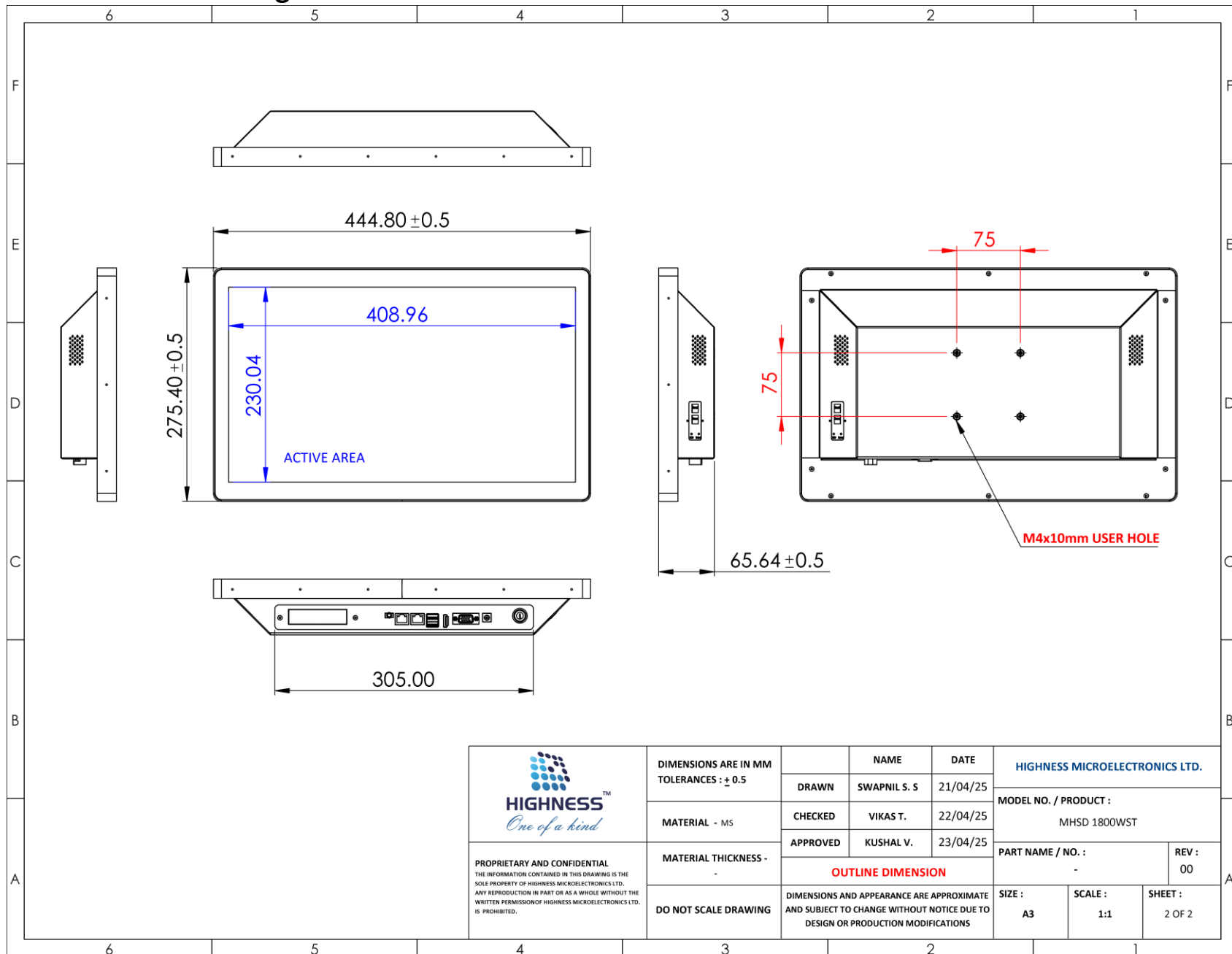
HIGHNESS MICROELECTRONICS LTD.

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1. Technical Specification

Screen Size		18.5" diagonal
Active Area (H x V)		408.96 x 230.04 mm
Resolution		1920 x 1080
Aspect Ratio		16:9
Pixel Pitch (H x V)		213 x 213 μm
Color		16.7Million
Viewing Angle		89°/89°/89°/89°
Luminance		500 cd/m²
Contrast		1200:1
Response Time		14ms
Operating Temperature		0° to +60° 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 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
Touch Screen Type		10 Point Multipoint Touch Capacitive
Operating System		Windows 10 (Pre-Installed)
Power Input		DC 12V (5A)
Power Consumption		60W
Backlight Type		LED
Backlight Life		30,000 hours
Enclosure		Mild Steel / Aluminum
Weight		TBA
Mounting		VESA (75 mm)

2. Mechanical Drawing



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