TEGUAR

TMD-65-22B

21.5" Portable Medical Display



Key Highlights

- Full HD 21.5" touch screen display
- Three bays for hot-swappable batteries
- VESA mountable
- Built-in WiFi antennas and speakers
- Medically compliant with anti-microbial surfaces

VIEW ONLINE

This portable medical display is a highly customizable vessel for any medical application. Featuring an IP65 water-resistant front panel for safe sanitization, this monitor is ideal wherever hygiene is key. The display is compatible with several accessories, including mounts, RFID scanners, a camera, and DC outputs with varied voltage to power accessories — even the PC it's connected with. These specialized options allow for the device to be customized — and optimized — for each use case's specific needs. What sets this apart from other medical displays is its battery operation, allowing it to be used anywhere, untethered. With batteries that can be exchanged without powering down, the portable display can operate seamlessly without interruption.

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Technical Specifications

Display

Screen Size	21.5"
Screen Resolution	1920 x 1080 (Full HD)
Screen Ratio	16:9
Brightness	250 nits

Power

Input Voltage Range	19V DC
Standard Power Adapter	19V, 6.31A DC Power Supply w/ US AC Power Cord

Multimedia

Speakers	2x Speakers
Camera	Optional 5MP Webcam
Microphone	With Optional 5MP Webcam

Enclosure

Material	Anti-Microbial, PC+ABS
IP Rating	IP65 Front Bezel, IPX2 enclosure
Color	White
Control Buttons	Auto/Exit, Display on/off, Menu, Up/Down
Mounting Options	Desktop Stand, VESA 100 Mount

Touch Screen

Touch Screen	Projected Capacitive (Multi-touch)

External I/O Ports

USB	1x USB 2.0 Type-B (touch), 1x USB 3.0 Type-B, 2x USB 2.0, 3x USB 3.0
Serial / Com	2x COM
Other Ports	2x WiFi Antenna Passthrough

Battery

Battery Type	Optional Hot-Swappable 90Wh/8250mAh Battery

Thermal & Environmental

Operating Temperature	0°C - 40°C - 0°C - 50°C (32°F – 104°F (With HDD), 32°F – 122°F (With SSD))
Storage Temperature	-20°C - 60°C (-4°F – 140°F)
Humidity Range	0% – 90% Non-condensing

Peripherals & Wireless Connectivity

WiFi	Built-In WiFi Antennas
RFID	Optional RFID Available

Weight / Dimensions

Dimensions	345.9 x 516.9 x 40.4 mm (13.6 x 20.4 x 1.6 in)

Certification

Certifications	60601 Compliant

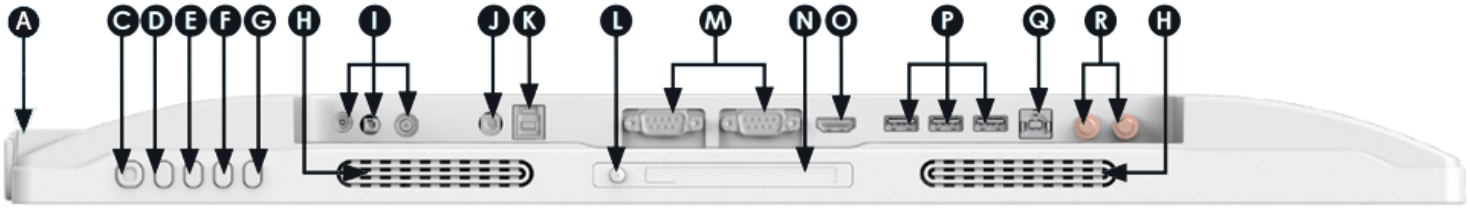
Specifications subject to change.

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I/O Diagram Images

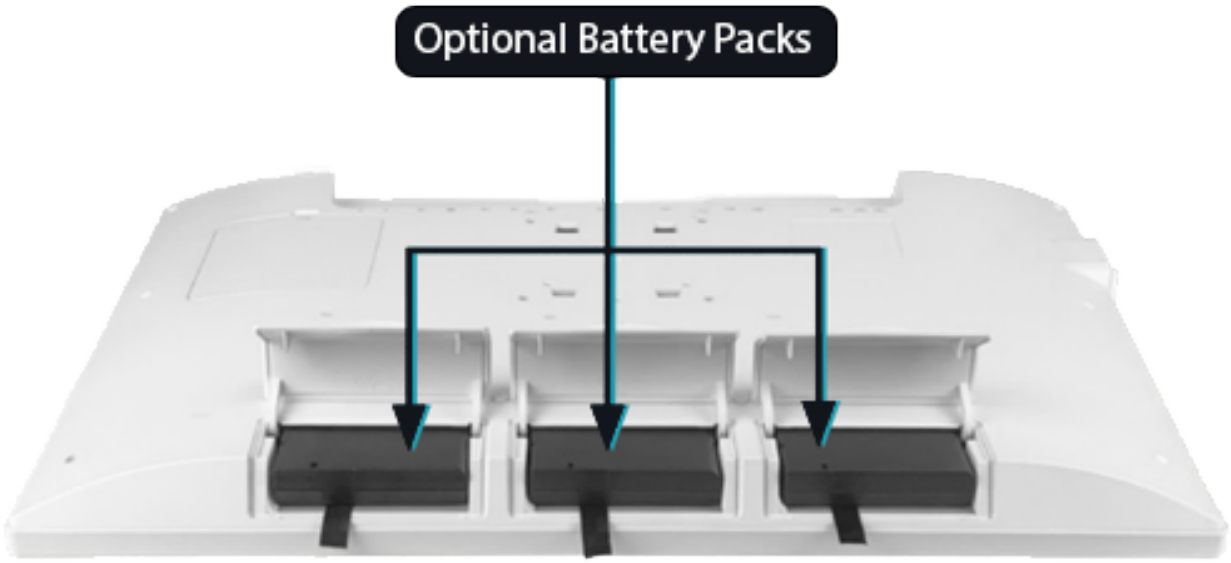


A	USB 2.0	J	DC-input
B	Battery bays (not visible this angle)	K	USB Type-B input
C	Power button	L	Reading light on/off button
D	Right/Increment button	M	COM ports
E	Left/Decrement button	N	Reading light
F	Menu/Enter button	O	HDMI input
G	Exit/Return button	P	USB 3.0
H	Speakers	Q	USB Type-B for touch screen connection
I	DC-outputs	R	Wi-Fi antennas

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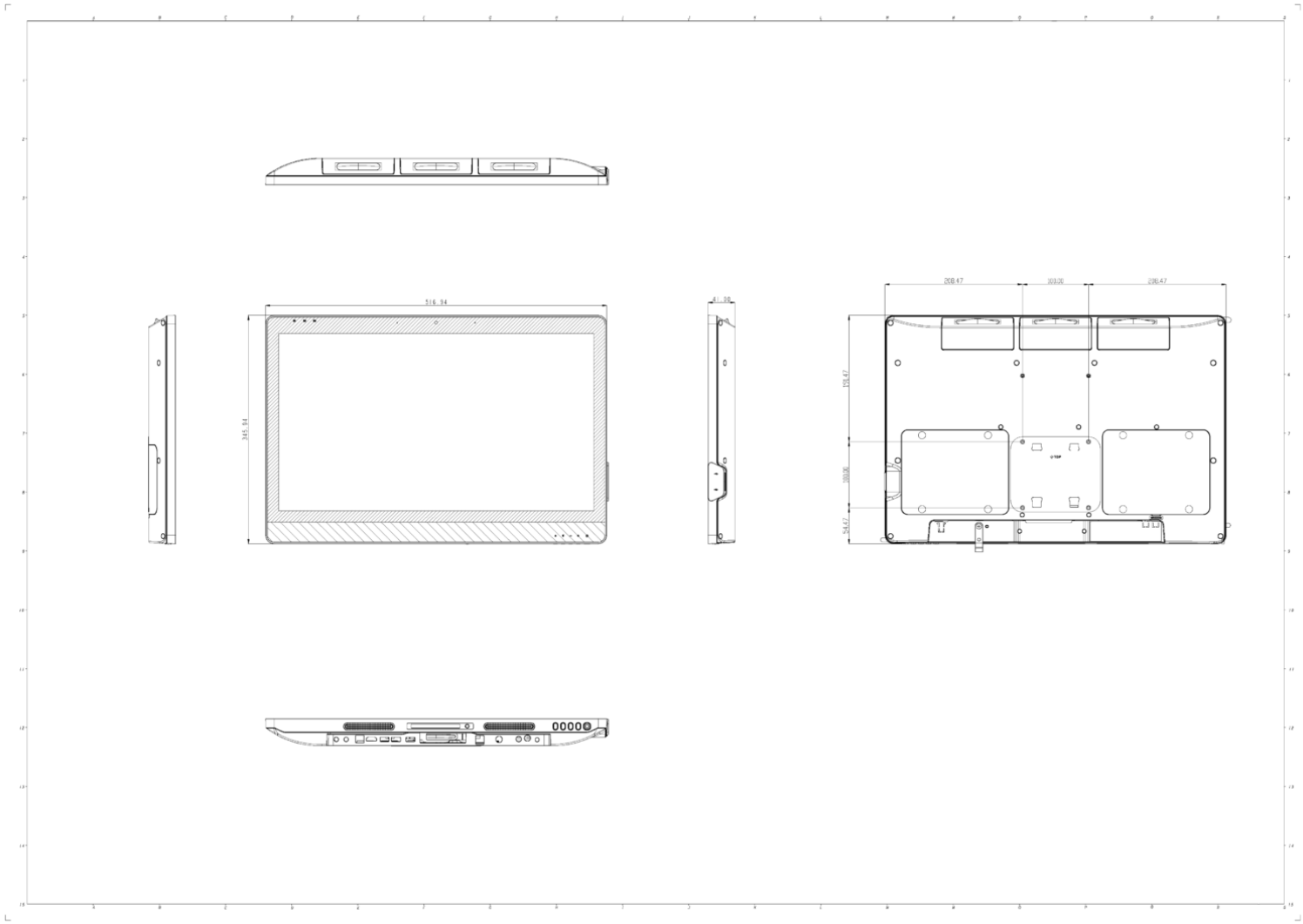


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Tech Diagram Images



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