

# TMD-65-24B

## 24" Portable Medical Display



### Key Highlights

- Touch screen in full HD
- Integrated bays for up to three hot-swappable batteries
- VESA mountable
- WiFi antennas and reading light included
- Medically compliant with anti-microbial surfaces

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This highly versatile portable medical display can be customized to suit countless medical applications. In environments where hygiene is paramount, rely on this monitor's IP65 water-resistant front panel to be easily sanitized throughout the day. Outfit this cutting-edge blank canvas with a variety of compatible accessories. With several mounting options, two types of RFID compatibility, and multiple DC outputs, the display can be optimized for any use case. The battery-powered device can supply power to its own attached accessories and even a PC. Unlike other medical displays, the TMD-65-24B is operated with [hot-swappable](#) batteries, allowing the portable display to move on a cart or in a vehicle with uninterrupted uptime – no need for cables or charging.

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# Technical Specifications

| Display      |                       |
|--------------|-----------------------|
| Screen Size  | 23.8"                 |
| 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, Brightness Down, Brightness Up, Display on/off, Menu, Reading Light |
| Mounting Options | Desktop Stand, VESA 100 Mount  |

| Warranty |        |
|----------|--------|
| Warranty | 1 Year |

*Specifications subject to change.*

| 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 (32°F - 104°F)   |
| 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          | 565 x 370 x 42 mm (22.2 x 14.6 x 1.7 in) |

| Certification  |                 |
|----------------|-----------------|
| Certifications | 60601 Compliant |

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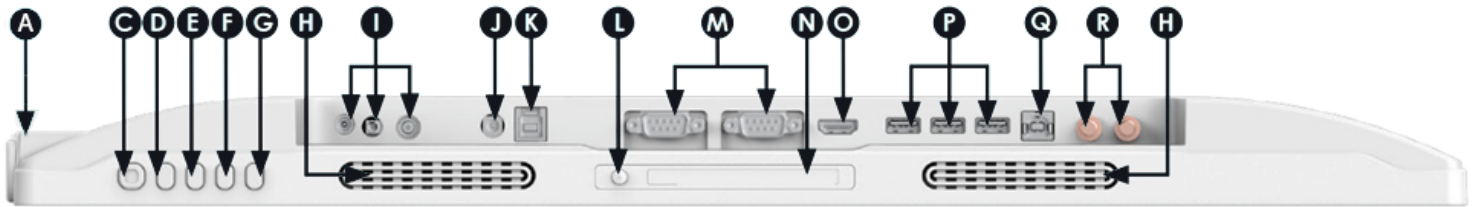
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## I/O Diagram Images



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

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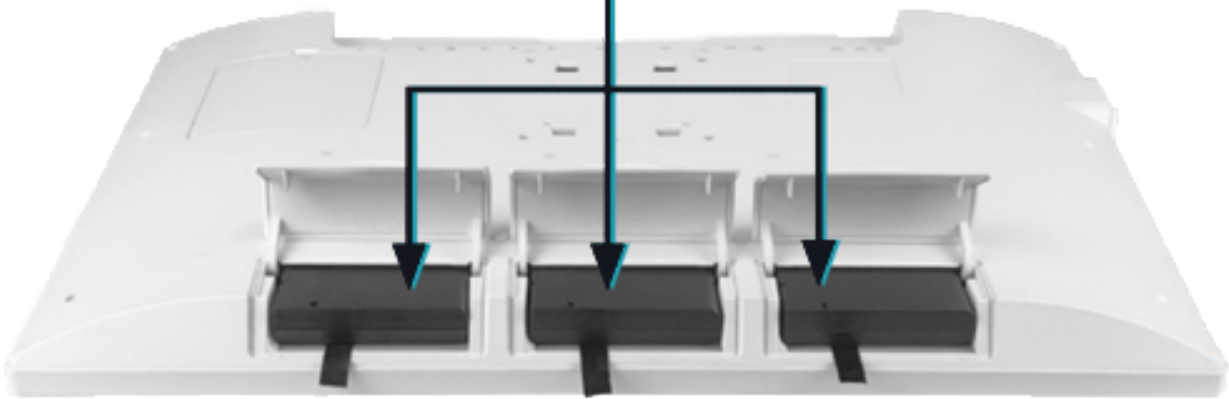
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## Optional Battery Packs



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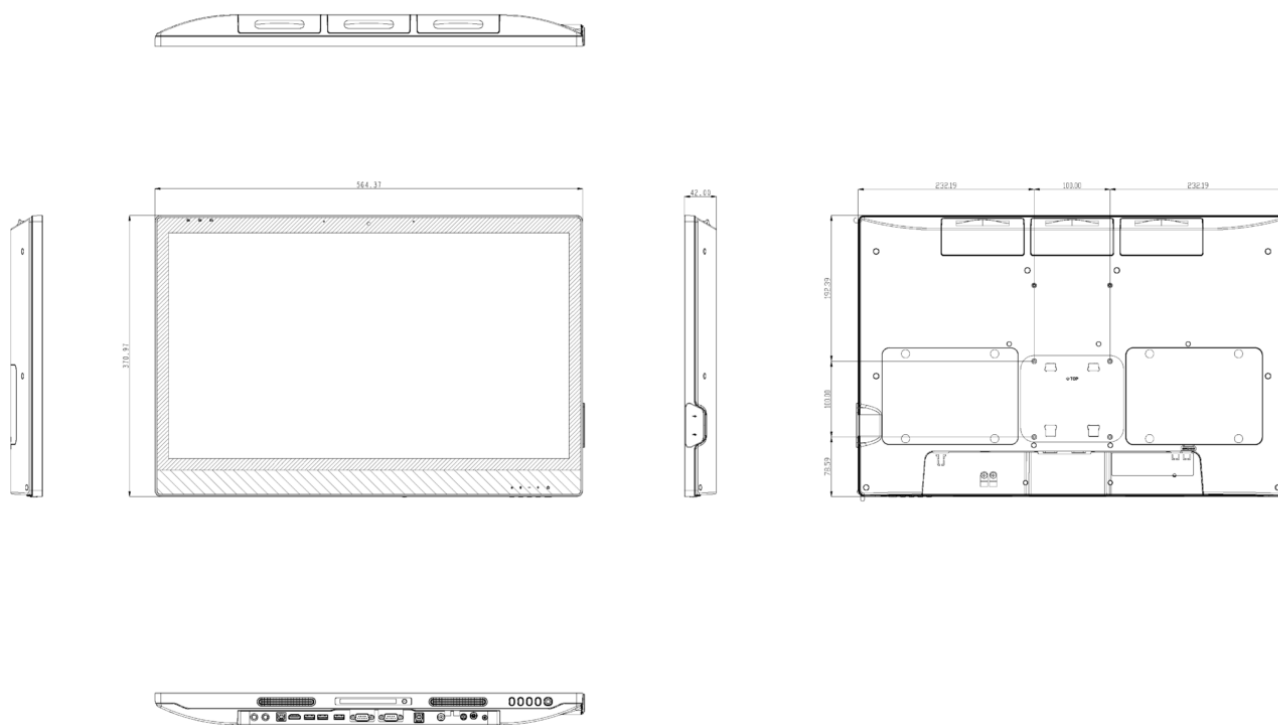
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# Tech Diagram Images



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