



722M/ 724M

Battery Powered Medical Grade Monitor

Fully Battery Powered Capacitive Touch Screen for Point-of-Care Applications

The DT Research 722M/ 724M Medical Grade Monitor integrates a 22" or 24" screen and hot-swappable batteries in a slim, mountable and antimicrobial package to facilitate the system integration for healthcare applications. With built-in LED reading light, Wi-Fi antennas as well as optional data-capture modules, this Medical Grade Monitor supports to pair with personal computers, embedded controllers, or thin clients for health professionals to manage information.



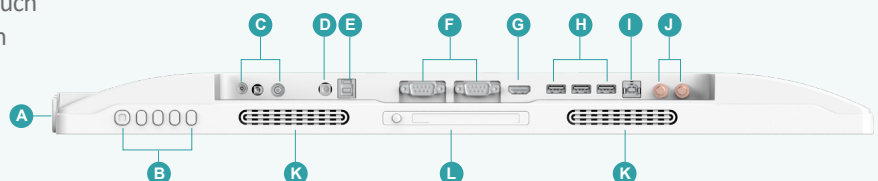
Features

- High contrast 22" or 24" capacitive touch screen
- Full-HD (1920 x 1080) resolution
- Integrated hot-swappable batteries (optional, up to 3 batteries)
- ANSI/AAMI ES60601-1 certified with antimicrobial enclosure
- Power supply outputs - 12V, 15V and 19.5V
- Built-in Wi-Fi antennas, LED reading light, and speakers
- VESA-mountable for flexibility in mounting and deployment

Major Option

- Front camera
- NFC/RFID reader
- COM ports

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|------------------------------------|---|
| A USB 2.0 | H USB 3.0 |
| B Power and control buttons | I USB Type-B for touch screen connection |
| C DC-outputs | J Wi-Fi antennas |
| D DC-input | K Speakers |
| E USB Type-B input | L Reading light |
| F COM ports (optional) | |
| G HDMI input | |



Specifications



Model	722M	724M
System		
Display	21.5" TFT-LCD	23.8" TFT-LCD
Display Resolution	1920 x 1080	1920 x 1080
Viewing Angle	horizontal 89 degree, vertical 89 degree	horizontal 89 degree, vertical 89 degree
Number of Color	16.7M	16.7M
Brightness	250 cd/m2	250 cd/m2
Response Time	5 ms	16 ms
Control Button	1 screen on/off button, 1 menu button, 1 auto/exit button and 2 up/down buttons	1 screen on/off button, 1 menu button, 1 auto/exit button and 2 up/down buttons
Reading Light	LED reading light x 1	LED reading light x 1
Speaker	Built-in speakers	Built-in speakers
Microphone	Built-in microphones	Built-in microphones

I/O Ports

USB Port	USB 2.0 x 2 and USB 3.0 x 3	USB 2.0 x 2 and USB 3.0 x 3
USB Port for Touch Screen Connection	USB Type-B (2.0) x 1	USB Type-B (2.0) x 1
USB Input Port	USB Type-B (2.0) x 1	USB Type-B (2.0) x 1
HDMI	1	1
Antenna	Wi-Fi passthrough x 2	Wi-Fi passthrough x 2
DC-in	1	1
DC-out	12V x 1, 15V x 1, 19.5V x 1	12V x 1, 15V x 1, 19.5V x 1
COM Port (optional)	2	2

Mechanical and Environmental

Fan/Fanless	Fanless	Fanless
AC/DC Adapter	Input: 100 – 240V AC; Output: 19V DC, 6.31A	Input: 100 – 240V AC; Output: 19V DC, 6.31A
Battery Pack	DR202 Li-ion battery; 90Wh, 8250mAh x 3 (optional)	DR202 Li-ion battery; 90Wh, 8250mAh x 3 (optional)
Enclosure	ABS + PC plastics, anti-microbial enclosure	ABS + PC plastics, anti-microbial enclosure
Dimensions (H x W x D)	13.6 x 20.4 x 1.6 in/ 345.9 x 516.9 x 40.4mm	14.6 x 22.2 x 1.62 in/ 370.9 x 564.3 x 41.2 mm
Weight	TBD	TBD
VESA-compliant Mounting	100mm x 100mm VESA standard	100mm x 100mm VESA standard
Regulatory	FCC/IC, CE/CB, RCM, CCC, ANSI/AAMI ES60601-1	
Temperature	Operation: 0°C – 40°C; Storage: -20°C – 60°C	
Humidity	0% – 90% non-condensing	

Major Option

Camera	5 megapixel front camera	5 megapixel front camera
NFC/RFID reader	Dual frequency, reads both 125KHz and 13.56MHz credentials	Dual frequency, reads both 125KHz and 13.56MHz credentials

* Specifications subject to change without notice.

Accessories

- DR202 Battery



- DR202 Battery Gang Charger



- 3-Slot Battery Holster

Supplies powers to the system and peripherals (e.g., Zebra mobile printer and Welch Allyn vital sign monitor).

