

Medix BL24

Technical Specifications

Features

- Battery Powered Monitor
- 60601-1-2 4th Edition Compliant
- IP65 Rating – Front and Sides
- Anti-bacterial Housing
- Optional Anti-Glare Film
- Built-in Reading Light



Specifications

Display	
LCD Size	23.8"
Max Resolution	1920 x 1080 (WUXGA)
Brightness (cd/m ²)	250cd/m ²
Contrast Ratio	1000:1 (typ.)
LCD Color	262K
Pixel Pitch (mm)	0.2475mm x 0.2475mm
Viewing Angle (H-V)	178° (H)/ 178° (V)
Response Time	14ms (typ.)
Backlight MTBF	30,000 hours
Touch	
Touch Screen	Projected capacitive w/10 points
Other Features	
Cooling Method	Fanless
Internal Speaker	2 x 5W Speakers
OSD Buttons	Yes
WebCam	Yes. Optional 2.0Mpixel Webcam
I/O	
HDMI	1 x HDMI 1.4a
COM	2 x COM (serial over USB)
USB	1 x USB 2.0 (Type B for Touch Screen uplink) 1 x USB 3.0 (Type B uplink) 3 x USB 3.0 (Type A) 2 x USB 2.0 (Type A)
Others	1 x Power Switch 4 x OSD Function Buttons 4 x SMA Female connectors for WiFi pass-through Built-in LED reading light at bottom of panel. Built-in Microphone
	Optional: 1x SSO RFID (Optional) 1x Keystroke RFID (Optional)

Power	
Power Input Voltage	19VDC
Power Connector	Barrel Plug 4.7mm (OD) x 1.4mm (ID)
Power Adapter	External Power Adapter, 19V @ 6.31A
AUX Power Output	Optional: 1x 12V for Zebra QLN 220 printer 1x 15V for Welch Allyn Monitor 1x 19V for Mini PC Note: 60W max
Environment	
Operating Temperature	32°F to 104°F (0°C to 40°C)
Storage Temperature	-4°F to 140°F (-20°C to 60°C)
Relative Humidity	0% to 90% non-condensing
IP Level	IP65 Front and Sides
Certification	EMC/EMI: <ul style="list-style-type: none"> • FCC CFR Title 47 Part 18 • EN 55011 • EN 60601-1-2 • EN 61000-3-2 • EN 61000-3-3 • AS/NZS CISPR 11 RF: <ul style="list-style-type: none"> • FCC Part 15C, FCC Part 15E • EN 301893 • EN 301489-1 • EN 301489-17 • EN 62311 • AS/NZS 4268 Safety: <ul style="list-style-type: none"> • UL (ANSI/AAMI ES6060101) • IEC 60601-1
Physical	
Enclosure Materials	ABS + PC plastics, antimicrobial enclosure
Dimension W x H x D	22.2" x 14.6" x 1.62" (564.3 x 370.8 x 41.2 mm)
Weight	Without battery: 12.9lbs. (5.8kg) With 3 batteries: 15.7lbs. (7.1kg)
Mounting	VESA 100, Optional Stand
Warranty	
Warranty	<ul style="list-style-type: none"> • 1-year standard