

MMT225

22" TFT High Brightness Medical Grade LCD Monitor

New



Features

- ▶ 22" TFT 300 nits high brightness SXGA LCD
- ▶ UL60601-1, EN60601-1, FCC classB
- ▶ Spill and dust resistant (front panel: IP65, whole enclosure: IPx1)
- ▶ Built-in wireless (802.11b/g) antenna (optional)
- ▶ Built-in bluetooth (optional)
- ▶ Built-in internal microphone
- ▶ Built-in 2W stereo speakers
- ▶ Built-in RFID reader (optional)
- ▶ Built-in 1.3 mega pixels camera (optional)
- ▶ Resistive type of touchscreen
- ▶ Supports lock-type medical adaptor plug design
- ▶ Supports multi-signal inputs: VGA, S-video, video, DVI, Audio-in, 3 USB ports (1 slave, 2 host)
- ▶ Supports panel mount, wall mount, and VESA arm

Introduction

The MMT225 is an ultra slim medical grade LCD monitor, which adopts 22-inch 300 nits high brightness WSXGA LCD display, and numerous signal interfaces including DVI, VGA, S-Video, Video, Audio-in and 3 USB (1 slave, 2 host). Featuring spill and dust resistant (front panel: IP65, whole enclosure: IPx1) and lock-type medical adaptor plug design, means it is fit for all kinds of medical environments. Moreover, the MMT225 supports panel/wall/VESA FPMPMI

mounting ways. This medical grade monitor incorporates 1.3 mega pixels camera, microphone/speakers and wireless (802.11b/g) antenna. Besides, the excellent ID and reliable user-friendly interface design make the MMT225 especially suitable for POC (point of care), HMI for medical equipments, and remote monitoring for health care terminals (Telemedicine).

Specifications

Front Bezel	Plastic ABS	
Mounting	Panel mounting, wall mounting or VESA FPMPMI mounting (video electronics standards association Flat Panel monitor physical mounting interface)	
LCD Panel	Display Type	22" TFT LCD
	Max. Resolution	1680 x 1050
	Max. Colors	16.7M
	Active Area (mm)	473.76 x 296.1
	Pixel Pitch (mm)	0.282 x 0.282
	Response Time	20ms
	Backlight	6 CCFL
	Backlight MTBF	50,000 hrs
	Viewing Angle (H/V)	178°/178°
	Contrast Ratio	1000 (TYP)
Display Control	Brightness (cd/m ²) 300 nits	
	OSD (on screen display)	
Display Mode	VGA 640 x 480 (60 / 72Hz), VGA 640 x 350 (70Hz),	
	VGA 720 x 400 (70Hz), XGA 1024 x 768 (60/70/75Hz),	
	SVGA 800 x 600 (60 / 72Hz)	
	SXGA 1280 x 1024 (60/70/75Hz)	
	WSXGA 1680 x 1050 (60/70/75Hz)	

Input Signal	VGA Video: R.G.B Analog 0.7v Peak-to-Peak	
	Video	
	S-Video	
	DVI	
I/O Connectors	Touchscreen: Serial RS-232 or USB	
	Audio-in	
	3 USB (1 slave, 2 host)	
	1 x RS-232 (or USB) for touchscreen version	
	1 x VGA input	
Power Adapter	1 x RCA video	
	1 x S-Video for video	
	1 x DVI	
	1 x lock-type DC power input	
	Audio-in	
Touchscreen	3 USB (1 slave, 2 host)	
	Thickness	Resistive: 3.2mm
	Light Transmission	Resistive: 80%
	Power Consumption	Resistive: +5V @ 100mA
	Touch Life	Resistive: 35million touches
Controller interface: RS-232		
D-type 9-pin male connector or USB connector		

Dimensions	TBD
Weight (net/gross)	TBD
Environmental	Operation temperature: 0°C - 45°C (32°F - 104°F) Storage temperature: -20°C - 60°C (-4°F - 140°F) Relative humidity: 20% ~ 90%, non-condensing
Certification	UL60601-1, EN60601-1, FCC classB

Ordering Information

MMT225PR-AC	22" high brightness resistive LCD display with RS-232 interface
MMT225PR-AC-U	22" high brightness resistive LCD display with USB 2.0 interface

*Specifications and certifications are limited to optional.

Optional Accessories

ARM-VM-101	VESA ARM (clamp type)
ARM-VM-105	VESA ARM (wall mount type)
Wall mounting & desktop stand	



Slim design

Medical Panel Computers

Medical Grade Monitors

PANEL2000 Slim Client Panel Computers