



## 22" Infrared Desktop Touchmonitor

# TM-2218

### Features

- Mounting holes on base bottom for tabletop security
- A wide range of connectivity, including USB and legacy serial ports
- Easy-to-integrate multifunction touch solutions
- Leadingtouch infrared touchscreen
- Designed for touch from the ground up
- Resists dirt, dust and liquid intrusion
- A stable tilt base
- Cable hidden from user view
- Long product life-cycle



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TM-221 series are desktop LCD touchmonitor with a removeable stable tilt base and the flexibility to integrate various touch technologies such as SAW(Surface Acoustic Wave), Infrared, Capacitive and also 4 and 5 wire Resistive touch screens. These LCD monitors provide you with premium quality in optical resolution, durability and stability. Built with high quality ABS plastic frame along with unique designed and integrated watertight IP65 rated plastic bezel, this unit becomes completely dust and water proof. This is an ideal solution for harsh environments that are humid, dust and water proof. These could also withstand various public and weather conditions.

TM-221 series desktop touchmonitor deliver costeffective solutions for systems integrators, resellers, and OEMs, and complements Leadingtouch TouchSystems expanding family of touch solutions for applications in the retail and hospitality markets.

All of our TM-221 series LCD touch monitors will have our industry leading controller cards with dual touch ports for convenience and flexibility. It will enable you to use both the Serial RS-232 as well as USB port for your touch screen application. This desktop touchmonitor comes with our standard 1year manufacture's warranty.

### Product Information

P/N	Touch Technology
TM-2214	4 wire touchscreen
TM-2215	5 wire touchscreen
TM-2217	Capacitive touchscreen
TM-2218	Infrared touchscreen
TM-2219	SAW touchscreen

### Specifications

Model	TM-2218
Description	22" TFT Desktop Touchmonitor
Case/Bezel Color	Black
Display	16:10 Ratio 22"Active matrix TFT LCD
Optimal(native) resolution	1680 x 1050 @ 60Hz
Synchronization Range	72.1 KHz horizontal, 60 Hz Vertical
Useful screen area	Horizontal: 18.8"( 477.7mm);Vertical: 11.81" (300.1mm)
Colors	16.7 million
Brightness	LCD panel: 300 cd/m <sup>2</sup> (typical) With touchscreen: 280 cd/m <sup>2</sup> (typical)
Pixel Pitch	0.511 x 0.511 mm
Response Time	5 msec (typical)
Contrast ratio	1000:1 typical
Viewing angle(typical, from center)	Horizontal (left/right): 170°(85° /85° ) Vertical (up/down): 160°(80° /80° )
Backlight Lamp life	50,000 Hrs to 1/2 brightness
Input video format	VGA or DVI optional
Input video signal connector	VESA DDC 1/28
On Screen Display(OSD)	Multilingual OSD
Touch Technology	Infrared
Touch Interface	Combo serial (RS232) and USB interface
Touch Resistive Time	15ms
Mounting Options	Rear Fixed, 75 mm & 100mm VESA mount
Power supply	Type: External AC to DC power brick Monitor input: +12VDC ±5%, 3.2 A typical, 3.8 A max. AC to DC power brick input: 100-240 VAC, 50/60 Hz
Power Consumption	31W Typical
Temperature Range	Operating: 0°C to 50°C; Storage: -20°C to 60°C
Humidity Range	Operating: 10%-90%; Storage: 5%-90%, Non condensing
Touchmonitor Dimension	With base: 527X340X65mm Without base: 527X430X220mm
Warranty	Monitor: 3 years'; LCD Panel: 1 year
Agency Approvals	FCC, CE, RoHS compliant



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