

TM-Series LED-backlit Display 23" | 22"

The Value Interactive Multi-touch Displays



Crafted with advanced projected capacitive 10-point touch technology, the TM-Series not only delivers smooth and precise touch response, but also enables more creative and exciting interactive applications. Delivering seamless compatibility with Windows® 7, 8 & 10 touch functions, the Full HD resolution and versatile connectivity make it easily connected with media source and peripheral devices. Its height adjustability and tilt flexibility ranging from -5 to 90 degrees guarantee ergonomic-friendliness and multi-user comfort, making it a value choice for public and interactive environments.





10-Point Multi-Touch Stylish Display

Based on Projected Capacitive Touch Technology, the TM-Series provides 10-point touch capability and boosts pointing precision significantly with seamless touch sense. With a true flat surface and edge-to-edge glass overlay, the TM-Series offers an invitingly modern appeal that fits the professional environments.

Maximise Multi-user Comfort

With a flexible dual-hinge stand, the TM-Series provides height adjustability and a wide tilt range from -5° to 90° that optimise multi-user comfort and productivity. Given a wide (178°) viewing angle*, it allows multiple users to comfortably share a single display at the same time.



Easy Integration

10-point touch capability plug and play for systems with Windows 7/8/10 and versatile connectivity, VGA, HDMI, DisplayPort, enable effortless system integration for creative and exciting interactive applications. The built-in USB Port (USB 3.0) also allows easy connection with peripheral devices

Features

- Full HD 1920 x 1080 resolution
- IPS Panel technology offers high colour accuracy and wide viewing angles (23° only)
- Flush touch screen makes surface neat and clean
- Versatile connectivity: DisplayPort, HDMI, VGA
- Incorporates projected capacitive touch technology
- Windows 10 ready - plug and play support for Windows 7/8/10
- Built-in USB 3.0 Port for easy connection with storage devices
- Flicker-free display technology reduces eye discomfort
- Built-in speakers

- Kensington security slot
- VESA mount compatibility for flexible installation
- Flexible dual-hinge stand design to maximise viewing comfort for multiple users
- Tilt capacity from -5° to 90°

* Product features may vary by models



Specifications

TM-23

TM-22

Panel	Panel Type Panel Size Max. Resolution Pixel Pitch Brightness Ratio Viewing Angle (H/V) Display Colour Response Time	LED-Backlit TFT LCD (IPS Technology) 23.0" FHD 1920 x 1080 0.265 mm 250 cd/m ² 20,000,000:1 (DCR) 178°/178° 16.7M 5 ms	LED-Backlit TFT LCD (TN Technology) 21.5" FHD 1920 x 1080 0.248 mm 250 cd/m ² 20,000,000:1 (DCR) 170°/160° 16.7M 3 ms
Frequency (H/V)	H Freq. V Freq.	30 kHz-83 kHz 50 Hz-76 Hz	30 kHz-83 kHz 50 Hz-76 Hz
Input	DisplayPort HDMI VGA	x 1 1.3 x 1 15-Pin D-Sub x 1	x 1 1.3 x 1 15-Pin D-Sub x 1
Other Connectivity	USB	USB HUB (3.0 x 4)	USB HUB (3.0 x 4)
Audio	Audio In Internal Speakers	Stereo Audio Jack (3.5 mm) 2W x 2	Stereo Audio Jack (3.5 mm) 2W x 2
Touch Screen	Technology Positional Accuracy Panel Interface Multi-touch Plug & Play Single Touch Support by Driver	Projective Capacitive ± 1.0 mm USB (Type-B) 10-point touch for Windows 7/8/10 Windows XP	Projective Capacitive ± 1.0 mm USB (Type-B) 10-point touch for Windows 7/8/10 Windows XP
Power	Power Supply Power Requirements On Mode Stand-by Mode Off Mode	Internal AC 100-240V, 50/60 Hz 23W (On) < 0.5W < 0.5W	Internal AC 100-240V, 50/60 Hz 22W (On) < 0.5W < 0.5W
Glass	Thickness Transmission Rate Hardness	2.4 mm (0.09") > 90% > 7H	2.4 mm (0.09") > 90% > 7H
Operating Conditions	Temperature Humidity	0°C-40°C (32°F-104°F) 10%-85% (non-condensing)	0°C-40°C (32°F-104°F) 10%-85% (non-condensing)
Storage Conditions	Temperature Humidity	-25°C-55°C (-13°F-131°F) 5%-93% (non-condensing)	-25°C-55°C (-13°F-131°F) 5%-93% (non-condensing)
Mounting	VESA FPM/PMI	Yes (100 mm x 100 mm)	Yes (100 mm x 100 mm)
Stand	Tilt Height Adjustment	-5° to 90° 131.5-400.0 mm	-5° to 90° 122.0-387.4 mm
Security	Kensington Security Slot	Yes	Yes
Dimensions	w/Base (W x H x D) Packaging (W x H x D)	561.0 x 400.0 x 238.5 mm (22.1" x 15.7" x 9.4") 632.0 x 448.0 x 186.0 mm (24.9" x 17.6" x 7.3")	522.4 x 387.4 x 238.5 mm (20.6" x 15.3" x 9.4") 586.0 x 422.0 x 186.0 mm (23.1" x 16.6" x 7.3")
Weight	w/Base Packaging	6.6 kg (14.6 lb) 8.7 kg (19.2 lb)	6.3 kg (13.9 lb) 8.1 kg (17.9 lb)
Regulation Approval	Certifications & Compliance	FCC, CE, CB, BSMI, WEEE, RoHS, REACH, EAC, RCM	FCC, CE, CB, WEEE, RoHS, REACH, EAC
Accessories	Supplied	Power Cord, VGA Cable, Audio Cable, USB Cable, Warranty Card, CD	Power Cord, VGA Cable, Audio Cable, USB Cable, Warranty Card, CD
Optional Accessories		Wall Mount: PMK-01 Wall Mounts (Landscape only): WMK-01, WMK-03	Wall Mount: PMK-01 Wall Mounts (Landscape only): WMK-01, WMK-03

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