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TX-Series LED-backlit Display 42" | 32" | 22" | 19" | 17" | 15"

The Ultimate Interactive Multi-Touch Displays

Anti-Burn-in™ METAL CASING VESA 10 Point

The TX-Series, a full range series of 15"to 42" interactive displays, provides a seamless touch experience with a 10-point touch capability, including responsiveness to different materials of glove[1], for professional, industrial, and signage applications. These sturdy touch displays are complemented by a durable metal exterior with glass which enhances interactivity in high-traffic areas such as retail POS, kiosks, train stations, airports and other public facilities.
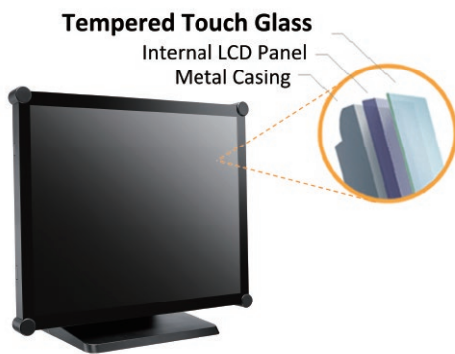
[1] Effective responsiveness has been tested for PVC medical glove (<0.4 mm), latex glove (<1.0 mm), cotton glovesm(<1.2 mm), cotton work gloves (<3.0 mm)

10-Point Multi-Touch Display

Based on Projected Capacitive Touch Technology, the TX-Series provides 10-point touch capability and boosts pointing precision significantly with seamless touch sense. Vertical installation is supported on 32" and 42" models to ensure the best interactive experience and optimal portrait view while preventing image distortion.

Easy integration with different systems

Plug and play support with 10-point touch capability for systems with Windows 7/8.1/10, Linux and Android; gesture mode is supported by systems with macOS 10.6 or later via drivers*. The RS-232 input allows convenient display control from a remote location.

Windows

Android

Linux

Mac

Tempered Touch Glass
Internal LCD Panel
Metal Casing

High Reliability

Specifically crafted for continuous use in public settings. The metal construction paired with 7H tempered glass provides a high-level of scratch resistance, durability and easy maintenance for high-traffic usage. The Anti-Burn-in™ technology makes it possible to prevent image ghosting even after extended usage in commercial environments*. Front-sided IP65 rated 15" to 22" displays are protected screens from liquid splash and dust.

Fits Multiple Scenarios

Wide size range for different applications: desktop touch displays (15"-22") with wide viewing angle*, adjustable stand, and IP-65 front panel are suitable for POS and kiosk applications in public areas or industrial applications, while the 32" and 42" touch displays can be applied to be as interactive signage displays in retail, airports, train stations, and other public facilities.

Features

TX-42P/TX-32P

- LED-backlit technology with 1920x1080 resolution
- Incorporates Projected Capacitive Touch Screen Technology
- Multi-touch support for systems with Windows, Linux, Android, and macOS
- Versatile connectivity: HDMI, DVI, VGA and Audio in/out
- Portrait/ landscape display orientation for flexible placement
- Anti-Burn-in™ technology
- RS-232 for display control from a remote location
- Durable metal housing
- Rigorous screening of components for mission-critical 24/7 applications

* Features may vary by model

TX-22/TX-19/TX-17/TX-15

- LED-backlit technology with 1024x768, 1280x1024, and 1920x1080 resolutions
- Incorporates Projected Capacitive Touch Screen Technology
- Multi-touch support for systems with Windows, Linux, and Android
- Single touch support for systems with Windows VISTA, XP, 2000, Win CE, XP Embedded, and macOS
- Optional RJ11 wired OSD external remote control
- Ergonomic design: tilt capacity from –5º to 90º and wide viewing angle*
- Front-sided IP65 rating protects screens from liquid splash and dust
- Durable metal housing
- Rigorous screening of components for mission-critical 24/7 applications

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Specifications		TX-42P	TX-32P
Panel	Panel Type	LED-Backlit TFT LCD	LED-Backlit TFT LCD
	Panel Size	42.0"	31.5"
	Max. Resolution	FHD 1920 x 1080	FHD 1920 x 1080
	Pixel Pitch	0.485 mm	0.364 mm
	Brightness	400 cd/m²	380 cd/m²
	Contrast Ratio	4,000 : 1	3,000 : 1
	Viewing Angle (H/V)	170°/170°	170°/170°
	Display Colour	16.7 M	16.7 M
	Response Time	8 ms	8 ms
Frequency (H/V)	H Freq.	60 kHz – 73 kHz	30 kHz – 75 kHz
	V Freq.	47 Hz – 63 Hz	50 Hz – 75 Hz
Input	VGA	15-Pin D-Sub	15-Pin D-Sub
	DVI	24-Pin DVI-D	24-Pin DVI-D
	HDMI	HDMI	HDMI
External Control	RS-232 in	9-Pin D-Sub	9-Pin D-Sub
Audio	Audio In	Stereo audio jack for PC (3.5 mm) x 1	Stereo audio jack for PC (3.5 mm) x 1
	Audio Out	Stereo audio jack for PC (3.5 mm) x 1	Stereo audio jack for PC (3.5 mm) x 1
	Speaker	10 W X 2	10 W X 2
Touch Screen	Technology	Projected Capacitive	Projected Capacitive
	Positional Accuracy	± 2.0 mm 100% of touchable active area	± 2.0 mm 100% of touchable active area
	Active Force	Non-required	Non-required
	Panel Interface	USB (Type-A)	USB (Type-A)
	Operating System	• Windows:	• Windows:
	Supported	Windows 7/8.1/10 : 10 pts (plug & play); Windows XP, CE: 1 pt (plug & play)	Windows 7/8.1/10 : 10 pts (plug & play); Windows XP, CE: 1 pt (plug & play)
		• Mac:	• Mac:
		macOS 10.6 or plus: 1 pt (plug & play); 5 pts gesture mode (via driver)	macOS 10.6 or plus: 1 pt (plug & play); 5 pts gesture mode (via driver)
		• Linux:	• Linux:
		Kernel 2.6.35 or plus: 10 pts & 1 pt (plug & play); Ubuntu 12.04 or plus: 10 pts (via driver)	Kernel 2.6.35 or plus: 10 pts & 1 pt (plug & play); Ubuntu 12.04 or plus: 10 pts (via driver)
		• Android (Base on the version of Linux Kernel): 10 pts (plug & play)	• Android (Base on the version of Linux Kernel): 10 pts (plug & play)
Power	Power Supply	Internal	Internal
	Power Requirements	100 - 240 V, 50-60 Hz	100 - 240 V, 50-60 Hz
	Consumption	< 70 W (Max)	< 52 W (Max)
		< 0.7 W (Stand-by)	< 0.9 W (Stand-by)
		< 0.7 W (Off)	< 0.5 W (Off)
Operating Conditions	Temperature	0°C ~ 40°C (32°F ~ 104°F)	0°C ~ 40°C (32°F ~ 104°F)
	Humidity	20% ~ 80% (No condensation)	20% ~ 80% (No condensation)
Storage Conditions	Temperature	-20°C - 60°C (-4°F ~ 140°F)	-20°C - 60°C (-4°F ~ 140°F)
	Humidity	20% ~ 80% (No condensation)	20% ~ 80% (No condensation)
Mounting	VESA FPMPMI	Yes (400 x 400 mm)	Yes (400 x 200 mm)
Glass	Thickness	4.0 mm (0.16")	3.0 mm (0.12")
	Transmission Rate	> 85%	> 85%
	Hardness	> 7H	> 7H
Dimensions	w/o base (W x H x D)	978.5 x 578.2 x 82.1 mm (38.6" x 22.8" x 3.2")	750.0 x 467.0 x 70.0 mm (29.5" x 18.4" x 2.8")
	Packaging (W x H x D)	1102.0 x 696.0 x 216.0 mm (43.4" x 27.4" x 8.5")	880.0 x 590.0 x 220.0 mm (34.6" x 23.2" x 8.7")
Weight	w/o base	24.5 kg (53.9 lb)	12.5 kg (27.6 lb)
	Packaging	28.0 (61.7 lb)	14.5 kg (32 lb)
Regulation Approval	Certification & Compliance	CE, RoHS, WEEE, REACH	CE, RoHS, WEEE, REACH
Accessories	Supplied	Power Cord, USB Cable, 15-Pin D-Sub Cable, Audio Cable, Remote Controller, Batteries, Quick Start Guide	Power Cord, USB Cable, 15-Pin D-Sub Cable, Audio Cable, Remote Controller, Batteries, Quick Start Guide
Optional Accessories		Wall Mount:	Wall Mount:
		Large Mounting Arm: LMA-01	Large Mounting Arm: LMA-01
		Large Mounting Kit: LMK-01, LMK-02, LMK-03	Large Mounting Kit: LMK-01, LMK-02, LMK-03
		Ceiling Mount: CMP-01	Ceiling Mount: CMP-01
		Floor Mount: FMC-02	Floor Mount: FMC-02
		Stand: STD-03	Stand: STD-03

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Specifications		TX-22	TX-19	TX-17	TX-15
Panel	Panel Type Panel Size Max. Resolution Pixel Pitch Brightness Contrast Ratio Viewing Angle (H/V) Display Colour Response Time	LED-Backlit TFT LCD 21.5" FHD 1920 x 1080 0.248 mm 250 cd/m² 1,000 : 1 178°/178° 16.7 M 7 ms	LED-Backlit TFT LCD 19.0" SXGA 1280 x 1024 0.294 mm 250 cd/m² 1,000 : 1 170°/160° 16.7 M 3 ms	LED-Backlit TFT LCD 17.0" SXGA 1280 x 1024 0.264 mm 250 cd/m² 1,000 : 1 170°/160° 16.7 M 3 ms	LED-Backlit TFT LCD 15.0" XGA 1024 x 768 0.297 mm 250 cd/m² 700:1 160°/140° 16.2 M 4 ms
Frequency (H/V)	H Freq. V Freq.	31 kHz – 82 kHz 56 Hz – 75 Hz	32 kHz – 80 kHz 56 Hz – 75 Hz	32 kHz – 80 kHz 56 Hz – 75 Hz	32 kHz – 60 kHz 56 Hz – 75 Hz
Input	VGA DVI	15-Pin D-Sub 24-Pin DVI-D	15-Pin D-Sub 24-Pin DVI-D	15-Pin D-Sub 24-Pin DVI-D	15-Pin D-Sub 24-Pin DVI-D
External Control	RJ11	RJ11	RJ11	RJ11	RJ11
Touch Screen	Technology Positional Accuracy Active Force Panel Interface Operating System Supported	Projected Capacitive ± 2.5 mm 100% of touchable active area Non-required USB (Type-B, HID compliant) • Windows: Windows 7/8.1/10: 10 pts (plug & play); Windows® VISTA, XP, 2000, Win CE, XP Embedded: 1 pt (via driver) • Mac: Mac OS X: 1 pt (via driver) • Linux: 5 pts (via driver) • Android: Android 4.0 or plus: 10 pts (via driver); Android 2.1 or plus: 5 pts (via driver)			
Power	Power Supply Power Requirements Consumption	External DC 12V < 27 W (Max) < 2 W (Stand-by) < 1 W (Off)	External DC 12V < 22 W (Max) < 2 W (Stand-by) < 1 W (Off)	External DC 12V < 20 W (Max) < 2 W (Stand-by) < 1 W (Off)	External DC 12V < 15 W (Max) < 2 W (Stand-by) < 1 W (Off)
Operating Conditions	Temperature Humidity	0°C ~ 40°C (32°F ~ 104°F) 20% ~ 80% (No condensation)	0°C ~ 40°C (32°F ~ 104°F) 20% ~ 80% (No condensation)	0°C ~ 40°C (32°F ~ 104°F) 20% ~ 80% (No condensation)	0°C ~ 40°C (32°F ~ 104°F) 20% ~ 80% (No condensation)
Storage Conditions	Temperature Humidity	-20°C - 60°C (-4°F ~ 140°F) 10% ~ 90% (No condensation)	-20°C - 60°C (-4°F ~ 140°F) 10% ~ 90% (No condensation)	-20°C - 60°C (-4°F ~ 140°F) 10% ~ 90% (No condensation)	-20°C - 60°C (-4°F ~ 140°F) 10% ~ 90% (No condensation)
Mounting	VESA FPMPMI	Yes (100 x 100 mm)	Yes (100 x 100 mm)	Yes (100 x 100 mm)	Yes (100 x 100 mm)
Security	Kensington Security Slot™	-	Yes	Yes	Yes
Glass	Thickness Transmission Rate Hardness	2.4 mm (0.09") > 90% > 7H	3.1 mm (0.12") > 90% > 7H	3.1 mm (0.12") > 90% > 7H	3.1 mm (0.12") > 90% > 7H
Dimensions	w/o base (W x H x D) w base (W x H x D) Packaging (W x H x D)	528.6 x 324.3 x 48.4 mm (20.8" x 12.8" x 1.9") 528.6 x 346.7 x 214.0 mm (20.8" x 13.6" x 8.4") 615.0 x 450.0 x 330.0 mm (24.2" x 17.7" x 13.0")	427.0 x 355.0 x 48.8 mm (16.8" x 14.0" x 1.9") 427.0 x 343.4 x 214.0 mm (16.8" x 14.7" x 8.4") "500.0 x 460.0 x 295.0 mm (19.7" x 18.1" x 11.6")"	380.0 x 318.0 x 49.5 mm (15.0" x 12.5" x 1.9") 380.0 x 343.4 x 214.2 mm (15.0" x 13.5" x 8.4") 450.0 x 418.0 x 277.0 mm (17.7" x 16.5" x 10.9")	348.4 x 276.4 x 46.6 mm (13.7" x 10.9" x 1.8") 348.4 x 312.7 x 214.2 mm (13.7" x 12.3" x 8.4") 415.0 x 370.0 x 290.0 mm (16.3" x 14.6" x 11.4")
Weight	w/o base w base Packaging	4.8 kg (10.6 lb) 6.7 kg (14.7 lb) 9.8 kg (21.6 lb)	4.6 kg (10.1 lb) 6.5 kg (14.3 lb) 8.3 kg (18.3 lb)	3.9 kg (8.6 lb) 5.8 kg (12.8 lb) 8.0 kg (17.6 lb)	2.7 kg (6.0 lb) 4.6 kg (10.1 lb) 7.0 kg (15.4 lb)
Regulation Approval	Certification & Compliance	FCC, CB, CE, BSMI, RoHs, GOST-R, WEEE, REACH	CE, RoHS, WEEE, REACH	CE, RoHS, WEEE, REACH	CE, RoHS, WEEE, REACH
Accessories	Supplied	CD ROM (user manual and touch driver), Power Cord, Power Adaptor, 15-Pin D-Sub Cable, DVI Cable, USB Cable, Cable Cover, Screw, Warranty Card	CD ROM (user manual and touch driver), Power Cord, Power Adaptor, 15-Pin D-Sub Cable, DVI Cable, USB Cable, Cable Cover, Screw, Warranty Card	CD ROM (user manual and touch driver), Power Cord, Power Adaptor, 15-Pin D-Sub Cable, DVI Cable, USB Cable, Cable Cover, Screw, Warranty Card	CD ROM (user manual and touch driver), Power Cord, Power Adaptor, 15-Pin D-Sub Cable, DVI Cable, USB Cable, Cable Cover, Screw, Warranty Card
Optional Accessories		Wall Mounting Arm: WMA-01 Wall Mounting Kit: WMK-01, WMK-03 Ceiling Mount: CMP-01 Desk Mounting Kit: DMC-01, DMC-02D Desk Mounting Stand: DMS-01D, DMS-01Q Height Adjustable Stand: ES-02	Wall Mounting Arm: WMA-01 Wall Mounting Kit: WMK-01, WMK-03 Ceiling Mount: CMP-01 Desk Mounting Kit: DMC-01, DMC-02D Desk Mounting Stand: DMS-01D, DMS-01Q Height Adjustable Stand: ES-02	Wall Mounting Arm: WMA-01 Wall Mounting Kit: WMK-01, WMK-03 Ceiling Mount: CMP-01 Desk Mounting Kit: DMC-01, DMC-02D Desk Mounting Stand: DMS-01D, DMS-01Q Height Adjustable Stand: ES-02	Wall Mounting Arm: WMA-01 Wall Mounting Kit: WMK-01, WMK-03 Ceiling Mount: CMP-01 Desk Mounting Kit: DMC-01, DMC-02D Desk Mounting Stand: DMS-01D, DMS-01Q Height Adjustable Stand: ES-02

REACH   RoHS COMPLIANT   WEEE

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