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

The Ultimate Interactive Multi-Touch Displays

METAL CASING · **PCAP** · **10 Point** · **24/7**

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)
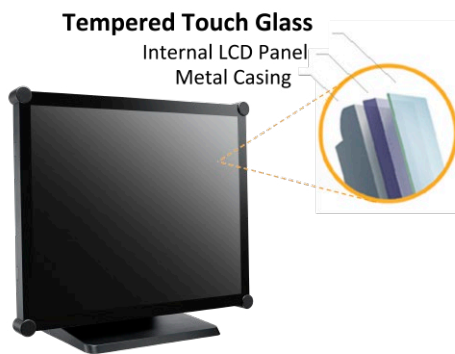
10-Point Multi-Touch Display

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 7/8/10, Linux and Android; gesture mode is supported by systems with macOS 10.7 or later via drivers*. The RS232 input allows convenient display control from a remote location*.

Windows

Android

Linux

Mac

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 22" display protects screens from liquid splash and dust.

Tempered Touch Glass
Internal LCD Panel
Metal Casing

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

- Full HD 1920 x 1080 resolution
- Anti-Burn-in™ technology prevents image ghosting
- Versatile connectivity: HDMI, DVI, VGA
- Incorporates projected capacitive touch technology
- 10-point simultaneous multi-touch capability
- Windows 10 ready - plug and play support for Windows 7/8/10
- Multi-touch support via driver for Mac10.7 and above
- RS232 device control support
- Flexible display orientation: Landscape/Portrait
- Durable metal housing
- Designed and developed for continuous 24/7 operation

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

- LED-backlit technology with 1024x768, 1280x1024, and 1920x1080 resolutions
- Incorporates projected capacitive touch technology
- 10-point simultaneous multi-touch capability
- Windows 10 ready - plug and play support for Windows 7/8/10
- Multi-touch support via driver for Linux and Android OS
- Optional OSD external remote control via RJ11 interface
- Front-sided IP65 rating protects the screen from liquid and dust (TX-22 only)
- Durable metal housing
- Designed and developed for continuous 24/7 operation

* Features may vary by model

Specifications		**TX-42P**	**TX-32P**
Panel	Panel Type	LED-Backlit TFT LCD (VA Technology)	LED-Backlit TFT LCD (VA Technology)
	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	500 cd/m²	500 cd/m²
	Contrast Ratio	4000:1	3000:1
	Viewing Angle (H/V)	178°/178°	178°/178°
	Display Colour	16.7M	16.7M
	Response Time	5 ms	5 ms
	Surface Treatment	Anti-Glare Treatment (Haze 44%), 3H Hard Coating	Anti-Glare Treatment (Haze 2%), 3H Hard Coating
Frequency (H/V)	H Freq.	30 kHz-80 kHz	30 kHz-80 kHz
	V Freq.	56 Hz-76 Hz	50 Hz-76 Hz
Input	HDMI	1.4 x 1	1.4 x 1
	DVI	29-Pin DVI-I x 1	29-Pin DVI-I x 1
	VGA	15-Pin D-Sub x 1	15-Pin D-Sub x 1
External Control	RS232 In	9-Pin D-Sub	9-Pin D-Sub
Audio	Audio In	Stereo Audio Jack (3.5 mm)	Stereo Audio Jack (3.5 mm)
	Audio Out	Stereo Audio Jack (3.5 mm)	Stereo Audio Jack (3.5 mm)
	Internal Speakers	10W x 2	10W x 2
Touch Screen	Technology	Projective Capacitive	Projective Capacitive
	Positional Accuracy	± 2.0 mm	± 2.0 mm
	Panel Interface	USB (type A)	USB (type A)
	Single Touch Plug & Play	Windows CE/XP	Windows CE/XP
		Android (Kernel 3.8 upward)	Android (Kernel 3.8 upward)
		Linux (Kernel 3.8 upward)	Linux (Kernel 3.8 upward)
		Mac10.6 upward	Mac10.6 upward
	Multi-touch Plug & Play	10-point touch for Windows 7/8/10	10-point touch for Windows 7/8/10
		10-point touch for Android (Kernel 3.8 upward)	10-point touch for Android (Kernel 3.8 upward)
		10-point touch for Linux (Kernel 3.8 upward)	10-point touch for Linux (Kernel 3.8 upward)
	Multi-touch Support by Driver	10-point touch for Mac10.7~Mac10.13 with UPDD Driver (UPDD_06_00_376)	10-point touch for Mac10.7~Mac10.13 with UPDD Driver (UPDD_06_00_376)
Power	Power Supply	Internal	Internal
	Power Requirements	AC 100-240V, 50/60 Hz	AC 100-240V, 50/60 Hz
	On Mode	67.5W (On)	40.8W (On)
	Stand-by Mode	< 2W	< 2W
	Off Mode	< 1W	< 1W
Glass	Thickness	4.0 mm (0.16")	3.0 mm (0.12")
	Transmission Rate	> 85%	> 85%
	Hardness	> 7H	> 7H
Operating Conditions	Temperature	0°C-40°C (32°F-104°F)	0°C-40°C (32°F-104°F)
	Humidity	20%-80% (non-condensing)	20%-80% (non-condensing)
Storage Conditions	Temperature	-20°C-60°C (-4°F-140°F)	-20°C-60°C (-4°F-140°F)
	Humidity	20%-80% (non-condensing)	20%-80% (non-condensing)
Mounting	VESA FPMPMI	Yes (400 x 400 mm)	Yes (400 x 200 mm)
Dimensions	w/o Base (W x H x D)	978.5 x 578.2 x 82.1 mm (38.5" x 22.8" x 3.2")	750.2 x 466.8 x 69.6 mm (29.5" x 18.4" x 2.7")
	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 (54.0 lb)	12.5 kg (27.6 lb)
	Packaging	28.0 kg (61.7 lb)	14.5 kg (32.0 lb)
Regulation Approval	Certification & Compliance	FCC, CE, LVD, RoHS, WEEE, REACH, EAC	FCC, CE, LVD, RoHS, WEEE, REACH, EAC
Accessories	Supplied	Power Cord, VGA Cable, Audio Cable, USB Cable, Remote Control, Batteries, Quick Start Guide	Power Cord, VGA Cable, Audio Cable, USB Cable, Remote Control, Batteries, Quick Start Guide
Optional Accessories		Floor Mounts: FMS-01, FMS-02, FMC-02	Floor Mounts: FMS-01, FMS-02, FMC-02
		Stand: STD-03A	Stand: STD-03A
		Wall Mounts (Landscape only): LMK-01, LMK-03	Wall Mounts (Landscape only): LMK-01, LMK-02

Specifications		TX-22	TX-19	TX-17	TX-15
Panel	Panel Type	LED-Backlit TFT LCD (IPS Technology)	LED-Backlit TFT LCD (IPS Technology)	LED-Backlit TFT LCD (VA Technology)	LED-Backlit TFT LCD (VA Technology)
	Panel Size	21.5"	18.9"	17.0"	15.0"
	Max. Resolution	FHD 1920 x 1080	SXGA 1280 x 1024	SXGA 1280 x 1024	XGA 1024 x 768
	Pixel Pitch	0.248 mm	0.293 mm	0.264 mm	0.297 mm
	Brightness	250 cd/m²	250 cd/m²	250 cd/m²	350 cd/m²
	Contrast Ratio	1000:1	1000:1	1000:1	800:1
	Viewing Angle (H/V)	178°/178°	178°/178°	170°/160°	160°/150°
	Display Colour	16.7M	16.7M	16.7M	16.2M
	Response Time	5 ms	5 ms	3 ms	5 ms
	Surface Treatment	Anti-Glare Treatment (Haze 25%), 3H Hard Coating	Anti-Glare Treatment (Haze 25%), 3H Hard Coating	Anti-Glare Treatment (Haze 25%), 3H Hard Coating	Anti-Glare Treatment (Haze 25%), 3H Hard Coating
Frequency (H/V)	H Freq.	31 kHz-82 kHz	31 kHz-80 kHz	31 kHz-80 kHz	31 kHz-60 kHz
	V Freq.	50 Hz-75 Hz	50 Hz-75 Hz	50 Hz-75 Hz	55 Hz-75 Hz
Input	DVI	24-Pin DVI-D x 1	24-Pin DVI-D x 1	24-Pin DVI-D x 1	24-Pin DVI-D x 1
	VGA	15-Pin D-Sub x 1	15-Pin D-Sub x 1	15-Pin D-Sub x 1	15-Pin D-Sub x 1
External Control	RJ11	Yes	Yes	Yes	Yes
Touch Screen	Technology	Projective Capacitive	Projective Capacitive	Projective Capacitive	Projective Capacitive
	Positional Accuracy	± 2.5 mm	± 2.5 mm	± 2.5 mm	± 2.0 mm
	Panel Interface	USB (Type-B)	USB (Type-B)	USB (Type-B)	USB (Type-B)
	Multi-touch Plug & Play	10-point touch for Windows 7/8/10	10-point touch for Windows 7/8/10	10-point touch for Windows 7/8/10	10-point touch for Windows 7/8/10
	Single Touch Support by Driver	Windows VISTA/XP/2000/CE/XP Embedded, Mac OS	Windows VISTA/XP/2000/CE/XP Embedded, Mac OS	Windows VISTA/XP/2000/CE/XP Embedded, Mac OS	Windows VISTA/XP/2000/CE/XP Embedded, Mac OS
	Multi-touch Support by Driver	Linux (Up to 5 points) Android 2.1 upward and 4.0 as well (Up to 10 points)	Linux (Up to 5 points) Android 2.1 upward and 4.0 as well (Up to 10 points)	Linux (Up to 5 points) Android 2.1 upward and 4.0 as well (Up to 10 points)	Linux (Up to 5 points) Android 2.1 upward and 4.0 as well (Up to 10 points)
Power	Power Supply	External	External	External	External
	Power Requirements	DC 12V, 4A	DC 12V, 2.5A	DC 12V, 2.5A	DC 12V, 2.5A
	On Mode	19W (On)	19W (On)	12W (On)	10W (On)
	Stand-by Mode	< 2W	< 2W	< 2W	< 2W
	Off Mode	< 1W	< 1W	< 1W	< 1W
Glass	Thickness	3.1 mm (0.12")	3.1 mm (0.12")	3.1 mm (0.12")	3.1 mm (0.12")
	Transmission Rate	> 90%	> 90%	> 90%	> 90%
	Hardness	> 7H	> 7H	> 7H	> 7H
Operating Conditions	Temperature	0°C-40°C (32°F-104°F)	0°C-40°C (32°F-104°F)	0°C-40°C (32°F-104°F)	0°C-40°C (32°F-104°F)
	Humidity	20%-80% (non-condensing)	20%-80% (non-condensing)	20%-80% (non-condensing)	20%-80% (non-condensing)
Storage Conditions	Temperature	-20°C-60°C (-4°F-140°F)	-20°C-60°C (-4°F-140°F)	-20°C-60°C (-4°F-140°F)	-20°C-60°C (-4°F-140°F)
	Humidity	10%-90% (non-condensing)	10%-90% (non-condensing)	10%-90% (non-condensing)	10%-90% (non-condensing)
Mounting	VESA FPMPMI	Yes (100 x 100 mm)	Yes (100 x 100 mm)	Yes (100 x 100 mm)	Yes (100 x 100 mm)
Stand	Tilt	-5° to 90°	-5° to 90°	-5° to 90°	-5° to 90°
Security	Kensington Security Slot	Yes	Yes	Yes	Yes
Dimensions	w/Base (W x H x D)	528.6 x 346.7 x 214.2 mm (20.8" x 13.7" x 8.4")	427.0 x 374.6 x 214.2 mm (16.8" x 14.7" x 8.4")	380.0 x 343.4 x 214.2 mm (15.0" x 13.5" x 8.4")	348.4 x 312.7 x 214.2 mm (13.7" x 12.3" x 8.4")
	Packaging (W x H x D)	610.0 x 460.0 x 320.0 mm (24.0" x 18.1" x 12.6")	500.0 x 460.0 x 300.0 mm (19.7" x 18.1" x 11.8")	450.0 x 423.0 x 277.0 mm (17.7" x 16.7" x 10.9")	415.0 x 370.0 x 290.0 mm (16.3" x 14.6" x 11.4")
Weight	w/Base	6.7 kg (14.8 lb)	6.5 kg (14.3 lb)	5.8 kg (12.8 lb)	4.6 kg (10.1 lb)
	Packaging	9.8 kg (21.6 lb)	8.3 kg (18.7 lb)	8.0 kg (17.6 lb)	7.0 kg (15.4 lb)
Regulation Approval	Certification & Compliance	CE, LVD, WEEE, RoHS, REACH, EAC	CE, CB, WEEE, RoHS, REACH, EAC	CE, CB, WEEE, RoHS, REACH, EAC	CE, CB, WEEE, RoHS, REACH, EAC, FCC
Accessories	Supplied	Power Adaptor, Power Cord, VGA Cable, DVI Cable, USB Cable, Warranty Card	Power Adaptor, Power Cord, VGA Cable, USB Cable, Warranty Card	Power Adaptor, Power Cord, VGA Cable, USB Cable, Warranty Card	Power Adaptor, Power Cord, VGA Cable, USB Cable, Warranty Card
Optional Accessories		Wall Mounts: WMK-01, WMK-03, PMK-01	Wall Mount: PMK-01 Wall Mounts (Landscape only): WMK-01, WMK-03	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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