

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

The Ultimate Interactive Multi-Touch Displays











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), \ latex \ glovesm(< 1.2 \ mm), \ latex \$















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*.



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
- \bullet Anti-Burn-in $^{\text{\tiny TM}}$ technology prevents image ghosting
- Versatile connectivity: HDMI, DVI, VGA
- Incorporates projected capacitive touch technology
- 10-point simultaneous multi-touch capability
- \bullet Windows 10 ready plug and play support for Windows 7/8/10
- \bullet 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

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.



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-inTM 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.



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
- \bullet Designed and developed for continuous 24/7 operation



THE DISPLAY CHOICE OF PROFESSIONALS

Panel Size LED-BackIETF LCD (VA Technology) LED-BackIETF LCD (VA Technology) Panel Size 15.0° 10.7° Max Renolution XCA 1024 x 788 XCA 1280 x 1024 Pixel Pitch 30.70 mm CO-244 mm CO-244 mm Eightheas 850 ed/m² 200 dm² Contrast Ratio 800-1 1000-1 1000-1 Usewing Angle [MV) 1607-2 1000-1 1000-1 Display Color 1602-4 160-4 1000-1 Response Time 5 ms 3 ms 3 ms Sturface Treatment 5 ms 3 ms 100-1 100-1 100-1 Frequency (H) 11 kHz-60 kHz 3 kHz-60 kHz 100-1 100-1 100-1 100-1 100-1 100-1 100-1 100-1 100-1 100-1 100-1 100-1 100-1 100-1 100-1 100-1 100-1 100-1 100-1 100-1 100-1 100-1 100-1 100-1 100-1 100-1 100-1 100-1 100-1 100-1 100-1	
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Temperature -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)	
Mounting	
VESA FPMPMI Yes (100 x 100 mm) Yes (100 x 100 mm)	
Stand	
Tilt -5° to 90° -5° to 90°	
Security	
Kensington Security Slot Yes Yes	
Dimensions	
Product with Base (W x H x D) 348.4 x 312.7 x 214.2 mm (13.7" x 12.3" x 8.4") 380.0 x 343.4 x 214.2 mm (15.0" x 13.5" x 8.4")	
Product w/o Base (W x H x D) 348.4 x 276.4 x 46.6 mm (13.7" x 10.9" x 1.9") 380.0 x 318.0 x 49.5 mm (15.0" x 12.5" x 2.0")	
Packaging (W x H x D) 415.0 x 370.0 x 290.0 mm (16.3" x 14.6" x 11.4") 450.0 x 423.0 x 277.0 mm (17.7" x 16.7" x 10.9")	
Weight	
Product w/o Base 2.7 kg (5.9 lb) 3.9 kg (8.6 lb)	
Product with Base 4.6 kg (10.1 lb) 5.8 kg (12.8 lb)	
Packaging 7.0 kg (15.4 lb) 8.0 kg (17.6 lb)	
Regulation ApprovalV	
Certifications & Compliance FCC, CE, LVD, WEEE, RoHS, REACH, EAC CE, LVD, WEEE, RoHS, REACH, EAC	
Accessories	
Supplied Power Adaptor, Power Cord, VGA Cable, USB Cable, Warranty Card Power Adaptor, Power Cord, VGA Cable, USB Cable, Warranty	
Optional Accessories	ty Card



THE DISPLAY CHOICE OF PROFESSIONALS

Specifications Panel	TX-19	TX-22
Panel Type	LED-Backlit TFT LCD (IPS Technology)	LED-Backlit TFT LCD (IPS Technology)
Panel Size	18.9"	21.5"
Max. Resolution	SXGA 1280 x 1024	FHD 1920 x 1080
Pixel Pitch	0.293 mm	0.248 mm
Brightness	250 cd/m ²	250 cd/m ²
Contrast Ratio	1000:1	1000:1
Viewing Angle (H/V)	178°/178°	178°/178°
Display Colour	16.7M	16.7M
	5 ms	5 ms
Response Time		
Surface Treatment	Anti-Glare Treatment (Haze 25%), 3H Hard Coating	Anti-Glare Treatment (Haze 25%), 3H Hard Coating
Frequency		
Frequency (H)	31 kHz-80 kHz	31 kHz-82 kHz
Frequency (V)	50 Hz-75 Hz	50 Hz-75 Hz
Signal Input		
DVI	24-Pin DVI-D	24-Pin DVI-D
VGA	15-Pin D-Sub x 1	15-Pin D-Sub x 1
External Control		
RJ11	Yes	Yes
Touch Screen		
Panel Interface	USB (Type-B)	USB (Type-B)
Technology	Projective Capacitive	Projective Capacitive
	± 2.5 mm	± 2.5 mm
Positional Accuracy		
Multi-touch Plug & Play	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
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)
Power		
Power Supply	External	External
Power Requirements	DC 12V, 2.5A	DC 12V, 4A
On Mode	19W (On)	19W (On)
Stand-by Mode	< 2W	< 2W
Off Mode	< 1W	< 1W
Glass		
Thickness	3.1 mm (0.12")	3.1 mm (0.12")
Transmission Rate	> 90%	> 90%
Hardness	>7H	> 7H
Operating Conditions	7/11	Z/11
-	09.2 409.2 (200) 1049.5	0°C-40°C (32°F-104°F)
Temperature	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	10%-90% (non-condensing)	10%-90% (non-condensing)
Mounting		
VESA FPMPMI	Yes (100 x 100 mm)	Yes (100 x 100 mm)
Stand		
Tilt	-5° to 90°	-5° to 90°
Security		
Kensington Security Slot	Yes	Yes
Dimensions		
Product with Base (W x H x D)	427.0 x 374.6 x 214.2 mm (16.8" x 14.7" x 8.4")	528.6 x 346.7 x 214.2 mm (20.8" x 13.7" x 8.4")
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Product w/o Base (W x H x D)	427.0 x 355.0 x 48.8 mm (16.8" x 14.0" x 1.9")	528.6 x 324.3 x 48.5 mm (20.8" x 12.8" x 1.9")
Packaging (W x H x D)	500.0 x 460.0 x 300.0 mm (19.7" x 18.1" x 11.8")	610.0 x 460.0 x 320.0 mm (24.0" x 18.1" x 12.6")
Weight		
Product w/o Base	4.6 kg (10.1 lb)	4.8 kg (10.6 lb)
Product with Base	6.5 kg (14.3 lb)	6.7 kg (14.8 lb)
Packaging	8.3 kg (18.7 lb)	9.8 kg (21.6 lb)
Regulation ApprovalV		
Certifications & Compliance	CE, LVD, WEEE, RoHS, REACH, EAC	FCC, CE, LVD, WEEE, RoHS, REACH, EAC
Accessories		
Supplied	Power Adaptor, Power Cord, VGA Cable, USB Cable, Warranty	Power Adaptor, Power Cord, VGA Cable, DVI Cable, USB Cable,
	Card	Warranty Card
Optional Accessories		
Wall Mount (Landscape only)	WMK-01, WMK-03, PMK-01	WMK-01, WMK-03, PMK-01



THE DISPLAY CHOICE OF PROFESSIONALS

Specifications	TX-32P	TX-42P
Panel		
Panel Type	LED-Backlit TFT LCD (VA Technology)	LED-Backlit TFT LCD (VA Technology)
Panel Size	31.5"	42.0"
Max. Resolution	FHD 1920 x 1080	FHD 1920 x 1080
Pixel Pitch	0.364 mm	0.485 mm
Brightness	500 cd/m ²	500 cd/m ²
Contrast Ratio	3000:01:00	4000:01:00
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 2%),3H Hard Coating	Anti-Glare Treatment (Haze 44%),3H Hard Coating
Frequency	00177 00177	00111 00111
Frequency (H)	30 kHz-80 kHz	30 kHz-80 kHz
Frequency (V)	50 Hz-76 Hz	56 Hz-76 Hz
Signal Input		
HDMI	1.4 x 1	1.4 x 1
DVI	29-Pin DVI-I	29-Pin DVI-I
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	·-	-
Panel Interface	IISR (type A)	IISR (type A)
	USB (type A)	USB (type A)
Technology	Projective Capacitive	Projective Capacitive
Positional Accuracy	± 2.0 mm	± 2.0 mm
Single Touch Plug & Play	Windows CE/XPAndroid (Kernel 3.8 upward)Linux (Kernel 3.8 upward)Mac10.6 upward	Windows CE/XPAndroid (Kernel 3.8 upward)Linux (Kernel 3.8 upward)Mac10.6 upward
Multi-touch Plug & Play	10-point touch for Windows 7/8/1010-point touch for Android (Kernel 3.8 upward)10-point touch for Linux (Kernel 3.8 upward)	10-point touch for Windows 7/8/1010-point touch for Android (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	40.81W (On)	67.5W (On)
Stand-by Mode	< 2W	< 2W
Off Mode	< 1W	< 1W
Glass		
Thickness	3.0 mm (0.12")	4.0 mm (0.16")
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 200 mm)	Yes (400 x 400 mm)
Dimensions		
Product w/o Base (W x H x D)	750.2 x 466.8 x 69.6 mm (29.5" x 18.4" x 2.7")	978.5 x 578.2 x 82.1 mm (38.5" x 22.8" x 3.2")
Packaging (W x H x D)	880.0 x 590.0 x 220.0 mm (34.6" x 23.2" x 8.7")	1102.0 x 696.0 x 216.0 mm (43.4" x 27.4" x 8.5")
Weight		
Product w/o Base	12.5 kg (27.6 lb)	24.5 kg (54.0 lb)
Packaging	14.5 kg (32.0 lb)	28.0 kg (61.7 lb)
Regulation Approval		
Certifications & Compliance	CE, LVD, RoHS, WEEE, REACH, EAC, FCC	CE,LVD,RoHS, WEEE, REACH,EAC, FCC
Accessories	, , , , , , , , , , , , , , , , , , , ,	
Supplied	Power Cord, USB Cable, Remote Control, Batteries, Quick Start Guide	Power Cord, VGA Cable, Audio Cable, USB Cable, Remote Control, Batteries, Quick Start Guide
Optional Accessories		Satternes, Quick State State
Floor Mount	FMS-01, FMS-02, FMC-02	FMS-01, FMS-02, FMC-02
Video Wall Mount	1100 01, 1100 02, 1100 02	VWM-01, VWM-02
Wall Mount (Landscape only)	LMK-02	LMK-01, LMK-03
		STD-03A
Stand	STD-03A	ΔCO-GIG





