TXF700 HMI Product Series in IP67
21" Display with TX VisuPro Runtime
Metal Housing with full IP67 Protection, Glass Front with Capacitive Touch
TXF721-00VP20

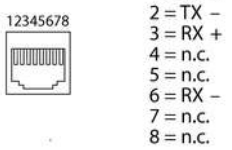


- **21" TFT widescreen color display**
- **LED backlight**
- **1920 × 1080 pixel resolution**
- **16 M colors**
- **Capacitive touch screen, multi-touch and gesture control**
- **1 RJ45 PoE Ethernet Port 10/100 Mbps**
- **1 USB host port**
- **Wi-Fi functionality as an access point/ client**
- **Integrated temperature sensor and 3-axis accelerometer**
- **Front RGB LED**
- **Integrated beeper**

Type designation	TXF721-00VP20
Ident no.	100017849
Display / Touch	
Display	TFT colour
Touchscreen	Capacitive, Glass front
Active screen area	21.5″
Resolution (pixels)	1920 x 1080 Full HD
Format	16:9
Brightness	400 Cd/m² typ.
dimmable	yes,To 0 %
Controller	
Processor	ARM Cortex A9, Quad-core 800 MHz
Memory	8 GB Flash
RAM memory	2 GB
Real time clock	Yes (battery-buffered)
Interfaces	
Ethernet	1 × RJ45 PoE 10/100 Mpbs
USB	1 × host port (special cable required)
Wi-Fi standards	IEEE 802.11a IEEE 802.11b IEEE 802.11g
Wi-Fi frequencies	2.4 GHz
Mode	Wi-Fi access point Wi-Fi client
Power over Ethernet	
PoE standard	IEEE 802.3bt (4PPoE)
Power supply	
Power consumption	≤ 32 W
General data	
Operating ambient conditions	-20…55 °C, 5…85 % relative humidity, non-condensing
Storage ambient conditions	-30…80 °C, 5…85 % relative humidity, non-condensing
Approvals	CE cULus
Ex approval	Haz. Loc. Class I, Division 2, Groups A,B,C and D
Protection class	IP67
Dimensions	
Front (W x H x D)	534.1 x 325.6 x 26.5 mm
Mounting depth	17 mm
Weight	approx. 6 kg

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Connection and pin assignment

	Ethernet Ethernet port with 10/100 Mbps The special M22 PoE cables (see accessories) must be used for IP67 protection	Pin Assignment  1 = TX + 2 = TX – 3 = RX + 4 = n.c. 5 = n.c. 6 = RX – 7 = n.c. 8 = n.c.

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Accessories

Type code	Ident no.	Description	Dimension drawing
TXF-MT-02	100020091	Pipe Support for TFX715 and 721	
TXF-MT-04	100020093	Wall Bracket for TXF715 and TXF721	
TXF-MT-06	100022477	Multi-Purpose Bracket with Cable Gland for TXF715 and TXF721	
TXF-MV-01	100020096	VESA Bracket for TXF700	
TXF-MV-02	100020097	VESA Adapter Plate for TXF700	

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Accessories

Type code	Ident no.	Description	Dimension drawing
TXF-TABLE-01	100020098	Table Stand for TXF700	
TXF-M22W-RJ45-5M	100020099	PoE connection cable, M22 angled to RJ45, 5 m	
TXF-M22G-RJ45-5M	100020100	PoE connection cable, M22 straight to RJ45, 5 m	
TXF-M22G-RJ45-5M-USB-1M	100020101	PoE connection cable, M22 straight to RJ45, 5 m, USB jack 1 m	
TXF-M22G-M22G-5M	100020102	PoE connection cable, M22 straight to M22 straight, 5 m	

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Accessories

Type code	Ident no.	Description	Dimension drawing
TXF-M22-TOOL	100020103	Tightening tool for M22 PoE cables	

Function accessories

Type code	Ident no.	Description	Dimension drawing
PSU20-POE-36W01	100017850	PoE injector (DIN rail), max. 36 W PoE output power	
PSU20-POE-36W02	100017852	PoE injector (M22 receptacle for IP67 connection), max. 36 W PoE output power	

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