



iX TxF-2 series

Basic industrial operator panels

The iX TxF-2 series offers three cost-effective industrial HMIs with high-resolution touch-screen and modern design. The iX TxF-2 panels combine IP65 plastic housing with the full version of the iX HMI Software, making it a cost-effective yet advanced HMI. All iX TxF-2 panels feature Ethernet, serial and USB ports as standard.

A world of hardware choices

The iX TxF-2 panels adds strength to Beijer Electronics' total HMI offer including industrial panels, specialized panels designed for rugged and marine environments and even panels with integrated CODESYS soft control and soft motion.

Smarter iX HMI software

The iX HMI software provides smart tools to communicate efficiently on all hardware. It combines top-class vector graphics and easy-to-use functions that provide intuitive and reliable operation. And it gives almost limitless connectivity through the extensive list of drivers.



- 10", 7" and 5", 800 × 480 pixel (16:9), TFT-LCD touch screen
- Application storage 200 MB
- 1 × Ethernet, 4 × serial, 1 × USB as standard
- Operating temperature -10 to +50 °C
- UL, cUL, CE, FCC and KCC certifications



	ix T10F-2	ix T7F-2	ix T5F-2
General Description			
Article number	630005301	630005201	630005101
HMI development software	ix Developer 2.10 SP2 + T10F-2 AddOn	ix Developer 2.10 SP1 + TxF-2 AddOn	ix Developer 2.10 SP1 + TxF-2 AddOn
System Info			
RAM	128 MB	128 MB	128 MB
CPU	ARM9 400MHz	ARM9 400MHz	ARM9 400MHz
Application storage	200 MB	200 MB	200 MB
Display			
Type	TFT LCD, 800 × 480 pixels, 64K colors	TFT LCD, 800 × 480 pixels, 64K colors	TFT LCD, 800 × 480 pixels, 64K colors
Size	10" inch	7" inch.	5" inch.
Backlight	LED	LED	LED
Backlight lifetime	20,000 hrs	20,000 hrs	20,000 hrs
Brightness	350 cd/m ²	400 cd/m ²	300 cd/m ²
Interaction			
External control	N/A	N/A	N/A
Front LED	1 × blue/red software programmable	1 × blue/red software programmable	1 × blue/red software programmable
Touch screen type	Resistive type	Resistive type	Resistive type
Power			
Power consumption at rated voltage	10.8 W	6.0 W	6.0 W
Voltage	+24 VDC	+24 VDC	+24 VDC
Fuse	Internal DC fuse, 2.0 AT, 5 × 20mm	Internal DC fuse, 2.0 AT, 5 × 20mm	Internal DC fuse, 2.0 AT, 5 × 20 mm
Mechanical			
Size	284.3 × 186.6 × 52.2 mm	196 × 146 × 52.2 mm	170.4 × 106.8 × 49.2 mm
Weight	1.3 kg	0.7 kg	0.5 kg
Housing material	Plastic	Plastic	Plastic
Serial Communication			
Com 1	RS232	RS232	RS232
Com 2	RS422/485	RS422/485	RS422/485
Com 3	RS232	RS232	RS232
Com 4	RS485	RS485	RS485
Ethernet			
Ethernet 1	1 × 10/ 100 Base-T (shielded RJ45)	1 × 10/100 Base-T (shielded RJ45)	1 × 10/100 Base-T (shielded RJ45)
Ethernet 2	N/A	N/A	N/A
Expansion			
USB	1 × USB 2.0, max. 400 mA	1 × USB 2.0, max. 400 mA	1 × USB 2.0, max. 400 mA
Memory expansion	N/A	N/A	N/A
ix Field buss expansion	N/A	N/A	N/A
Certifications			
UL, DNV, GL, LR, RS, BV	UL / cUL	UL / cUL	UL / cUL
FCC	FCC part 15	FCC part 15	FCC part 15
KCC	KCC	KCC	KCC
CE	Noise tested according to EN55022:	Noise tested according to EN55022:	Noise tested according to EN55022:
Environmental			
Sealing - back panel	IP20	IP20	IP20
Humidity	<85 % non-condensed	<85 % non-condensed	<85 % non-condensed
Storage temperature	-20° to + 60°C	-20 to + 60 °C	-20 to + 60 °C
Operating temperature	-10° to + 50°C	-10 to + 50 °C	-10 to + 50 °C
Sealing - front panel	IP65	IP65	IP65