



# iX T7F-2

## Basic industrial operator panel

**The iX T7F-2** is a 7-inch industrial operator panel with high-resolution touch-screen and modern design. This model combines IP65 plastic housing with the full version of the iX HMI software, making it a cost-effective yet advanced HMI. The panel offers Ethernet, serial and USB ports as standard.

### A world of hardware choices

The new panel 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.



- 7", 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
- CE, FCC and KCC certifications



	ix T7F-2
<b>General Description</b>	
Article number	630005201
HMI development software	ix Developer 2.10 SP1 + TxF-2 AddOn
<b>System Info</b>	
RAM	128 MB
CPU	ARM9 400MHz
Application storage	200 MB
<b>Display</b>	
Type	TFT LCD, 800 × 480 pixels, 64K colors
Size	7" inch.
Backlight	LED
Backlight lifetime	20,000 hrs
Brightness	400 cd/m²
<b>Interaction</b>	
External control	N/A
Front LED	1 × blue/red software programmable
Touch screen type	Resistive type
<b>Power</b>	
Power consumption at rated voltage	6.0 W
Voltage	+24 VDC
Fuse	Internal DC fuse, 2.0 AT, 5 × 20mm
<b>Mechanical</b>	
Size	196 × 146 × 52.2 mm
Weight	0.7 kg
Housing material	Plastic
<b>Serial Communication</b>	
Com 1	RS232
Com 2	RS422/485
Com 3	RS232
Com 4	RS485
Ethernet	
<b>Ethernet 1</b>	1 × 10/100 Base-T (shielded RJ 45)
Ethernet 2	N/A
Expansion	
USB	1 × USB 2.0, max. 400 mA
Memory expansion	N/A
ix Field buss expansion	N/A
<b>Certifications</b>	
UL, DNV, GL, LR, RS, BV	N/A
CE	Noise tested according to EN55022: 2010 Class A
FCC	FCC part 15
KCC	KCC
<b>Environmental</b>	
Sealing - back panel	IP20
Humidity	<85 % non-condensed
Storage temperature	-20 to + 60 °C
Operating temperature	-10 to + 50 °C
Sealing - front panel	IP65

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