



# iX TXB series

## Medium to large applications

The operator panels of the iX TxB series offer high performance suitable for medium to large HMI applications, requiring handling of more data and functionality. The iX TxB series offers CE and UL508 certifications. Display sizes 7, 12 and 15 inches.

### Smarter iX HMI software

The iX HMI software is another reason to love our hardware. It empowers you with unique tools to communicate by combining top-class vector graphics and smarter functions, providing intuitive operation on the spot. Not to mention the almost limitless connectivity to your other equipment through the extensive list of drivers.



- iX T15B: 15.4" TFT-LCD touch screen, 1280 × 800 (16:10)
- iX T12B: 12.1" TFT-LCD touch screen, 1280 × 800 (16:10)
- iX T7B: 7" TFT-LCD touch screen, 800 × 480 (16:9)
- Application storage 1.4 GB
- Operating temperature -10° to +50° C
- CE and UL508 certifications

The information at hand is provided as available at the time of printing, and Beijer Electronics reserves the right to change any information without updating this publication. Beijer Electronics does not assume any responsibility for any errors or omissions in this publication.



	iX T15B	iX T12B	iX T7B
<b>General Description</b>			
Article number	64000302	64000202	64000102
Part status	Active	Active	Active
HMI development software	iX Developer	iX Developer	iX Developer
<b>System Info</b>			
RAM	1 GB	1 GB	1 GB
CPU	Intel® Atom	Intel® Atom	Intel® Atom
Application storage	1.4 GB	1.4 GB	1.4 GB
<b>Display</b>			
Type	TFT-LCD	TFT-LCD	TFT-LCD
Size	15" 1280 x 800 pixels	12" 1280 x 800 pixels	7" 800 x 480 pixels
Backlight	LED backlight	LED backlight	LED backlight
Backlight lifetime	50,000 h	50,000 h	50,000 h
Brightness	450 cd/m <sup>2</sup>	400 cd/m <sup>2</sup>	500 cd/m <sup>2</sup>
<b>Interaction</b>			
External control	USB	USB	USB
Front LED	Multi-color software programmable	Multi-color software programmable	Multi-color software programmable
Touch screen type	Resistive touch	Resistive touch	Resistive touch
<b>Power</b>			
Power consumption at rated voltage	24 W	22 W	14 W
Voltage	+24 V DC (18-32 V DC)	+24 V DC (18-32 V DC)	+24 V DC (18-32 V DC)
Fuse	Internal DC fuse, 3.15 A slow	Internal DC fuse, 3.15 A slow	Internal DC fuse, 3.15 A slow
<b>Mechanical</b>			
Size	410 x 286 x 83 mm	340 x 242.2 x 57 mm	204 x 143 x 50 mm
Weight	3.6 kg	2.5 kg	0.9 kg
Housing material	Powder-coated aluminum	Powder-coated aluminum	Powder-coated aluminum
<b>Serial Communication</b>			
Com 1	RS232 (RTS/CTS)	RS232 (RTS/CTS)	RS232 (RTS/CTS)
Com 2	RS422/ RS485	RS422/ RS485	RS422/ RS485
Com 3	RS232	RS232	RS232
Com 4	RS422 (RTS)/ RS485	RS422 (RTS)/ RS485	RS422 (RTS)/ RS485
<b>Ethernet</b>			
Ethernet 1	1 x 10/100 Mbit/s (shielded RJ 45)	1 x 10/100 Mbit/s (shielded RJ45)	1 x 10/100 Mbit/s (shielded RJ45)
Ethernet 2	1 x 10/100/1000 Mbit/s (shielded RJ 45)	1 x 10/100/1000 Mbit/s (shielded RJ45)	1 x 10/100/1000 Mbit/s (shielded RJ45)
<b>Expansion</b>			
USB	3 x USB Host 2.0, max. output current 500 mA	3 x USB Host 2.0, max. output current 500 mA	3 x USB Host 2.0, max. output current 500mA
Memory expansion	1 x SD card	1 x SD card	1 x SD card
iX Field buss expansion	Yes	Yes	Yes
<b>Certifications</b>			
UL	UL508	UL508	UL508
DNV	N/A	N/A	N/A
CE	Noise tested according to EN61000-6-4 emission and EN61000-6-2 immunity.	Noise tested according to EN61000-6-4 emission and EN61000-6-2 immunity.	Noise tested according to EN61000-6-4 emission and EN61000-6-2 immunity.
<b>Environmental</b>			
Sealing - back panel	IP20	IP20	IP20
Humidity	5% - 85% non-condensed	5% - 85% non-condensed	5% - 85% non-condensed
Operating temperature	-10° to +50°C	-10° to +50°C	-10° to +50°C
Storage temperature	-20° to +70°C	-20° to +70°C	-20° to +70°C
Sealing - front panel	IP65	IP65	IP65

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