



iX TXA series

Small to medium applications

The operator panels of the **iX TxA series** offer an ultra compact solution with solid HMI functionality for small and medium sized applications. The iX TxA series offers CE, UL508 and DNV certifications. Display sizes 4, 7 and 10 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 T10A: 10.4" TFT-LCD touch screen, 640 × 480 (4:3)
- iX T7A: 7" TFT-LCD touch screen, 800 × 480 (16:9)
- iX T4A: 4.3" TFT-LCD touch screen, 480 × 272 (16:9)
- Application storage 80 MB
- Operating temperature -10° to +60° C
- CE, UL508 and DNV 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 T10A	iX T7A	iX T4A
General Description			
Article number	630000302	630000202	630000102
Part status	Active	Active	Active
HMI development software	iX Developer	iX Developer	iX Developer
System Info			
RAM	128 MB	128 MB	128 MB
CPU	ARM9 400 MHz	ARM9 400 MHz	ARM9 400 MHz
Application storage	80 MB	80 MB	80 MB
Display			
Type	TFT LCD	TFT LCD	TFT LCD
Size	10.4", 640 × 480 pixels	7", 800 × 480 pixels	4.3", 480 × 272 pixels
Backlight	LED	LED	LED
Backlight lifetime	50,000 hrs	20,000 hrs	50,000 hrs
Brightness	450 cd/m ²	350 cd/m ²	350 cd/m ²
Interaction			
External control	USB	USB	USB
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	9.6 W	6.0 W	6.6 W
Voltage	+24 VDC (18 - 32 VDC)	+24 VDC (18 - 32 VDC)	+24 VDC (18 - 32 VDC)
Fuse	Internal DC fuse, 2.0 AT, 5 × 20 mm	Internal DC fuse, 2.0 AT, 5 × 20 mm	Internal DC fuse, 2.0 AT, 5 × 20 mm
Mechanical			
Size	280 × 228 × 52.2 mm	204 × 143 × 52.2 mm	145 × 103 × 52.2 mm
Weight	1.5 kg	0.7 kg	0.5 kg
Housing material	Powder coated aluminum	Powder coated aluminum	Powder coated aluminum
Serial Communication			
Com 1	RS232 (RTS/CTS)	RS232 (RTS/CTS)	RS232 (RTS/CTS)
Com 2	RS422/485	RS422/485	RS422/485
Com 3	RS232	RS232	RS232
Com 4	RS422 (RTS)/RS485	RS422 (RTS)/RS485	RS422 (RTS)/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)
Expansion			
USB	1 × USB 2.0, max. 200 mA	1 × USB 2.0, max. 200 mA	1 × USB 2.0, max. 200 mA
Memory expansion	SD	SD	SD
iX Field buss expansion	1 × Extension module slot for fieldbus (optional)	1 × Extension module slot for fieldbus (optional)	1 × Extension module slot for fieldbus (optional)
Certifications			
UL	UL508	UL508	UL508
DNV	DNV (A-13497)	DNV (A-13497)	DNV (A-13497)
CE	Noise tested according to EN 55022: 2010, AS/NZS CISPR 22: 2009 emission and EN 55024: 2010 immunity.	Noise tested according to EN 55022: 2010, AS/NZS CISPR 22: 2009 emission and EN 55024: 2010 immunity.	Noise tested according to EN 55022: 2010, AS/NZS CISPR 22: 2009 emission and EN 55024: 2010 immunity.
Environmental			
Sealing - back panel	IP20	IP20	IP20
Humidity	<85 % non-condensed	<85 % non-condensed	<85 % non-condensed
Operating temperature	-10 to + 60 °C	-10 to + 60 °C	-10 to + 60 °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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