



# iX T7AM

## Robust operator panel for marine requirements

**Vessel safety, passenger** comfort and cargo quality all depend on the right decisions at the right time. Using the iX HMI solution from Beijer Electronics, you can ensure an offering that's truly seaworthy.

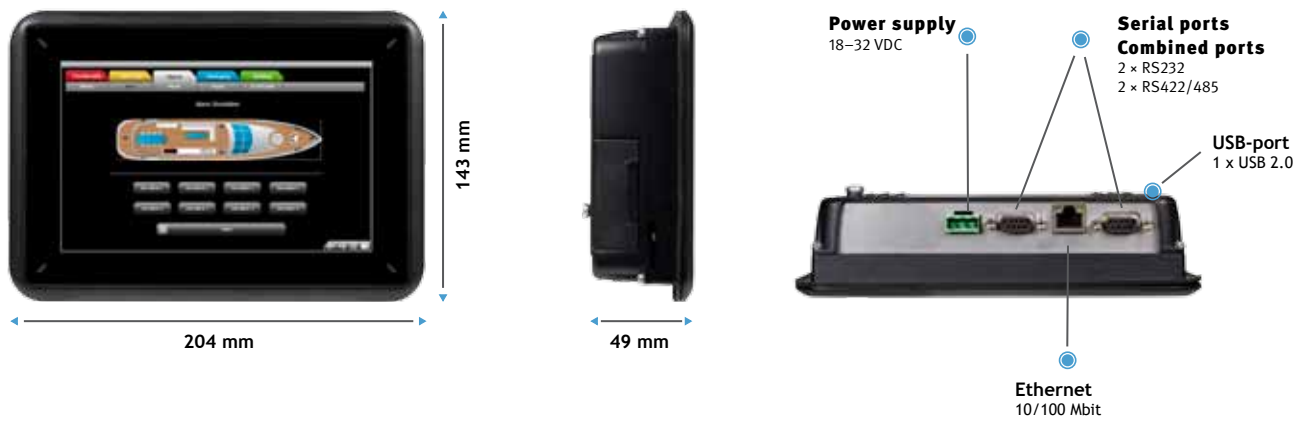
The iX T7AM panel is approved by major classification societies to handle nearly any system on board, putting information and intuitive functions where they're needed most. The panel has a robustly designed IP65 classed front with high-resolution touch-screen interface. The black frame and comprehensive HMI functionality, with advanced alarm and event management, make the iX T7AM panel perfect for on-board small and medium-sized applications. It includes iX Runtime software, and is fully interoperable with all major automation brands.

Dimmable backlight and waterproof front lets iX T7AM be used on board – at any time and in any application.

- Black aluminum die casted housing
- Backlight dimmable to zero for use in bridge applications
- Certifications from major classification societies
- Isolated CAN built-in in iX T7AM-CAN
- 7" 800 × 480 pixel, widescreen

Microsoft  
Visual C#  
Compact Framework

OPC  
FOUNDATION



## ix T7AM – Robust operator panel for marine requirements

Technical data	ix T7AM
Display size	7"
Display resolution, ratio	800 × 480 (16:9)
Display colors	TFT-LCD 65 T
Active area of display, W×H (mm)	152.4 × 91.4
Brightness (cd/m <sup>2</sup> )	500
Dimming	Maritime optimized to zero cd/m <sup>2</sup>
View angle (H/V)	120° / 140°
Backlight life time	> 50,000 hrs, LED backlight
Touch screen operations	Resistive touch, 1 million finger touch operations
Processor	ARM9 (400 MHz)
Main memory	128 MB (DDR2)
Application memory	80 MB
External storage media	1 × SD card (optional)
Realtime clock	yes
Ethernet	1 × 10 Base-T / 100 Base-T (shielded RJ 45)
USB	1 × USB 2.0, max. 200 mA
Serial port 1/2	2 combined ports: 2 × RS232, 2 × RS422/485
Communication modules	CAN (FreeCAN), 2 port opto isolated (ix T7AM with optional CAN-module, ix T7AM-CAN with integrated CAN)
Dimension W×H×D (mm)	204 × 143 × 49
Cut-out dimension W×H×D (mm)	187 × 126 × 43
Net weight (kg)	ca. 0.8
Frame material, front foil	Powder-coated aluminum, Polyester Autotex F157 or F207, black colored
Mounting	Panel Mount and VESA 75 × 75
Protection (front/rear)	IP65 / IP20
Power supply	+24 VDC (18-32 VDC)
Power consumption	6.0 W
Operating temperature	-10 to + 60 °C
Storage temperature	-20 to + 70 °C
Certification	CE, UL 508, DNV, LR*, ABS*, BV*, RS* EN60945, compass safety

\* In Progress

All data are subject to be changed without notice

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