



### **X3 extreme 12 web P HB WebIQ**

12" web client HMI featuring high-brightness display and bundled with WebIQ 4000 tags license

Ready-to-use hardware/software bundle  
 100% HTML open and future-proof HMI technology  
 Design optimized for use in rugged environments  
 12,1" 1280 × 800 pixel (16:10) TFT-LCD with resistive touchscreen  
 -30°C to 70°C operating temperature  
 -40°C to 80°C storage temperature  
 CE, FCC, KCC, marine certifications; hazardous certifications

## **Facts**

### General description

Part number	110-0010
Life cycle status	Active
Warranty	Up to 2 years

### Certifications

General	CE, FCC, KCC
Hazardous	UL C1D2, IECEx (Zone2), ATEX (Zone2), ATEX (Zone22), IECEx (Zone22), CNEX
Marine	DNV, ABS, LR, BV, NK, CCS, KR
Safety	UL 61010-2-201

## Mechanical

Mechanical size	341 x 242 x 70 mm
Mounting option	Panel Mount / VESA 75 x75
Number of touches	1million finger touch operations
Touch type	Resistive
Cut-out size	325 x 226 mm
Weight	2,7 kg
Housing material	Powder-coated aluminum, Black

## Power

Input voltage	24 VDC (18 to 32 VDC) CE: The power supply must conform with the requirements according to IEC 60950 and IEC 61558-2-4.UL and cUL: The power supply must conform with the requirements for class 2 power supplies.
Power consumption (max)	typ- 30W / max. 35W
Input fuse	Internal DC fuse, 4 AT

## System

Hardware platform	P
CPU	i.MX 8M Plus Quad Cortex®-A53 1,6GHz
RAM	4 GB
FLASH	32 GB eMMC
Cybersecurity	Cybersecurity design based on IEC 62443-4-2

## Display

Size diagonal	12,1" diagonal
Resolution	1280x800 pixels
Backlight	LED Backlight
Backlight life time	50000 hours
Backlight brightness	1000 cd/m2
Backlight dimming	Marine Wide Dimming
Display type	TFT-LCD with LED backlight
Display pixel error	Class I, according to ISO 9241-307

## Ethernet communication

Number of Ethernet ports	2
Ethernet port 1	1x10/100/1000 Base-T (shielded RJ45)
Ethernet port 2	1x10/100/1000 Base-T (shielded RJ45)

## Expansion interface

SD card	1 x USB Host 3.0, 1 x USB Host 2.0
USB	1 x USB Host 3.0, 1 x USB Host 2.0

## Environmental

Operating temperature	-30°C to 70°C
Storage temperature	-40°C to 80°C
Shock	40g, half-sine, 11ms according to IEC60068-2-27
Vibration	4g, according to IACS E10
Sealing front	IP66
Humidity	5% – 95% non-condensed @25°C
Altitude (max)	< 3000m

### **People & Technology. Connected.**

We are a people company. Our experienced, skilled and passionate people empower you to meet your challenges through best-in-class, user-friendly solutions. We are a technology company. We help you optimize processes through our software, hardware and services, and through our support. Connecting people and technologies gives you the means to accomplish your goals and ambitions, and gain a competitive edge in today's digitalized world.

Visiting address HQ: Stora Varvsgatan 13a

SE - 211 75 Malmö, SWEDEN

[+46 40 35 86 00 \(tel:+46 40 35 86 00\)](tel:+46 40 35 86 00)

[info@bejerelectronics.com \(mailto:info@bejerelectronics.com\)](mailto:info@bejerelectronics.com)