



X2 pro 7 web

7" web client HMI

800 × 480 pixel (16:9) TFT-LCD touch screen

TFT display

8GB EMMC

Ethernet 2x100 Mbit

-10°C to +60°C operating temperature

DNV GL, KR, LR, ABS, CCS, BV, NK marine approvals

CE, FCC, KCC, UL approvals

Facts

General description

Part number	630023505
Life cycle status	Active
Warranty	2 year

Certifications

General	CE, FCC, KCC, UL 61010-2-201
Marine	KR, LR, ABS, BV, CCS, NK, DNV GL

Mechanical

Mechanical size	204 x 143 x 50mm
Mounting option	Panel Mount, VESA 75 x 75
Number of touches	1 million finger touch operations
Touch type	Resistive
Cut-out size	189 x 128mm
Weight	0.8 kg
Housing material	Powder-coated aluminum, Gray

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)	14.4W
Input fuse	Internal DC fuse

Display

Size diagonal	7" diagonal
Resolution	800x480 pixels
Backlight	LED Backlight
Backlight life time	20000 hours
Backlight brightness	350 cd/m2
Backlight dimming	Dimming in system menu
Display type	TFT-LCD with LED backlight

Serial communication

Number of serial ports	1 Port 9pin DSUB
Serial port 1	Not in use
Serial port 2	Not in use
Serial port 3	Not in use

Ethernet communication

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

Expansion interface

SD card	SD and SDHC
USB	1xUSB 2.0 500mA

System

Hardware platform	X2
CPU	i.MX6DualLite, Dual Cortex-A9 1.0GHz 512kBL2cache
RAM	1 GB
FLASH	8GB EMMC

Software

Operating system	Linux
Web browser	Chromium in Kiosk mode

Environmental

Operating temperature	-10°C to +60°C
Storage temperature	-20°C to +70°C
Shock	15g, half-sine, 11ms according to IEC60068-2-27
Vibration	1g, according to IEC 60068-2-6, Test Fc
Sealing front	IP65, NEMA 4X/ 12 and UL Type 4X/ 12
Sealing back	IP20
Humidity	5% – 85% non-condensed
Altitude (max)	< 3000m