Beijer
ELECTRONICS

X2 pro 4
4" HMI with iX runtime

480 × 272 pixel (16:9)
TFT-LCD touch screen
1.5 GB application memory
Ethernet 1x100 Mbit
-10°C to +60°C operating temperature
CE, FCC, KCC, UL approvals
DNV GL, KR, LR, ABS, CCS, BV, NK, RS marine approvals

🗐 Facts

General description

Part number	630000105
Life cycle status	Active
Warranty	2 year

Certifications

General	CE, FCC, KCC
Marine	KR, LR, ABS, BV, CCS, NK, DNV GL, RS
Safety	UL 61010-1, UL 61010-2-201, CAN/CSA-C22.2 No. 61010-1, CAN/CSA-C22.2 No. 61010-2-201

Mechanical

Mechanical size	145 x 104 x 50mm
Mounting option	Panel Mount, VESA 50 x 50
Number of touches	1million finger touch operations
Touch type	Resistive
Cut-out size	130 x 89mm
Weight	0.5 kg
Housing material	Powder-coated aluminum, Gray

Power

Input voltage	24 V DC (18 to 32 VDC)CE: The power supply must conformwith the requirements according to IEC 60950 and IEC 61558-2-4.UL and cUL: The power supplymust conformwith the requirements for class II power supplies.
Power consumption (max)	12W
Input fuse	Internal DC fuse

System

CPU	i.MX6Solo Single Cortex-A9 1.0GHz 512kBL2cache
RAM	512 MB
FLASH	2GB SSD(eMMC), 1.5GB free for application

Display

Size diagonal	4.3″ diagonal
Resolution	480x272 pixels
Backlight	LED Backlight
Backlight life time	50000 hours
Backlight brightness	300 cd/m2
Backlight dimming	Industrial Dimming
Display type	TFT-LCD with LED backlight

Serial communication

Number of serial ports	1 Port 9pin DSUB
Serial port 1	RS 232 (RTS/CTS)
Serial port 2	RS422/485
Serial port 3	RS485 (only if COM 2 is RS485)

Ethernet communication

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

Expansion interface

Expansion port	Yes, ciX expansion module
SD card	SD and SDHC
USB	1xUSB 2.0 500mA

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	IP66, NEMA 4X/ 12 and UL50E Type 4X/ 12
Sealing back	IP20
Humidity	5% – 85% non-condensed
Altitude (max)	< 3000m