Beijer
ELECTRONICS

X2 pro 21
21'' HMI with iX software

Full 1920 × 1080 pixel HD resolution (16:9)
TFT-LCD touch screen
1.5 GB application memory
Ethernet 2x100 Mbit
0°C to +50°C operating temperature
CE, FCC, UL approvals

Facts

General description

Part number	640009505
Part status	Active
Warranty	2 year

Certifications

General	CE, UL 61010-2-201, FCC

Mechanical

Mechanical size	556 x 347 x 65mm
Mounting option	Panel Mount, VESA 75 x 75
Number of touches	1million finger touch operations
Touch type	Resistive
Cut-out size	539 x 331mm
Weight	7.38 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)	45.6W
Input fuse	Internal DC fuse

System

CPU	i.MX6Quad, Quad ARMCortex-A9 1.0GHz 1MBL2cache
RAM	2 GB
FLASH	2GB SSD(eMMC), 1.5GB free for application

Display

Digital IO

Digital output	2xDO Solid state relay, 0.5A@24VDC

Communication serial

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

Expansion interface

Expansion port	Yes, ciX expansion module
SD card	SD and SDHC
USB	2xUSB 2.0 500mA

Environmental

Operating temperature	0°C to +50°C
Storage temperature	-20°C to +60°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

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