Beijer ELECTRONICS

X2 base 10 v2 HP
10" HMI with iX runtime

1024 × 600 pixel (17:10)
TFT-LCD touch screen
2 × Ethernet, 6 × serial, 2 × USB as standard
Operating temperature -10° to +50° C
CE, FCC, UL approvals

Facts

General description

Part number	630009610
Life cycle status	Active
Warranty	2 year

Certifications

General	CE, FCC, UL 61010-2-201
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	290 x 193 x 40mm
Mounting option	Panel Mount
Number of touches	1million finger touch operations
Touch type	Resistive
Cut-out size	275 x 177mm
Weight	0.86 kg
Housing material	Plastic (PC+ABS), Gray
Buzzer	No
LED	No

Power

Input voltage	24 V DC (18 to 32 VDC) CE: The power supply has to be conform with the requirements according to IEC 60950 and IEC 61558-2-4.UL and cUL: The power supply has to be conform with the requirements for class II power supplies.
Power consumption (max)	8.1 W
Input fuse	Internal DC fuse

Digtal IO

Digital output	No

Serial communication

Number of serial ports	2port9pinDsub, 1port3pinScrew
Serial port 1	RS 232 (RTS/CTS)
Serial port 2	RS422/485
Serial port 3	RS 485
Serial port 4	RS 232
Serial port 5	RS422/485
Serial port 6	RS 485

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	No
SD card	Yes
USB	2

System

Hardware platform	X2 base v2
CPU	ARM Cortex A8 1000MHz
RAM	512 MB
FLASH	2 GB

Display

Size diagonal	10.1" diagonal
Resolution	1024 × 600 pixel (17:10)
Backlight	LED Backlight
Backlight life time	30000 hours
Backlight brightness	350 cd/m²
Backlight dimming	Industrial Dimming
Display type	TFT-LCD with LED backlight

Environmental

Operating temperature	-10°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 50E Type 4X/ 12
Sealing back	IP20
Humidity	5% – 85% non-condensed