



BoX2 pro

High-performance protocol converter/IloT gateway/edge controller

Protocol conversion

Cloud connectivity

HMI and web server

Local data base storage, alarm servers, data exchange, reporting, C# scripting

UL/cUL Class I Division 2

Facts

General description

Part number	100-0974
Life cycle status	Active
Warranty	Up to 2 years

Features

Protocol conversion	Yes
Cloud connectivity	Yes
HMI web server	Yes
Local data base storage	Yes
C# scripting	Yes
Alarm server	Yes

Certifications

General	CE, FCC, KCC
Hazardous	UL C1D2
Marine	LR, ABS, BV, DNV GL
Safety	UL 61010-2-201

Mechanical

Mounting option	DIN rail/mounting plate
-----------------	-------------------------

Power

Input voltage	24VDC (18-32V DC)
Power consumption (max)	5W
Input fuse	3,14 AT

System

Hardware platform	BoX2
CPU	i.MX6DualLite Dual Cortex-A9 1.0GHz 512kBL2cache
RAM	1 GB
FLASH	2GB SSD(eMMC), 1.5GB free for application

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	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

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	IP20
Sealing back	IP20
Humidity	5% – 85% non-condensed
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)

info@beijerelectronics.com (mailto:info@beijerelectronics.com)