

BoX2 base v2

IoT gateway

Protocol conversion
Cloud connectivity
HMI and web server
Local data base storage, alarm servers, data exchange, reporting, C# scripting
IP20
-10 °C to +50 °C

Facts

General description

Part number	100-1362
Life cycle status	Active
Warranty	2 year

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

Mechanical

Mounting option	DIN rail

Power

Input voltage	24VDC (18-32V DC)
Power consumption (max)	4W
Input fuse	3 AT

System

CPU	ARM Cortex A8 600 MHz
RAM	512MB
FLASH	2GB SSD(eMMC), 1.5GB free for application

Serial communication

Number of serial ports	2 Port 9pin DSUB
Serial port 1	RS32 (RTS)/RS422/RS485
Serial port 2	RS 232/RS422/Rs485
Serial port 3	RS32 (RTS)/RS422/RS485
Serial port 6	RS 232/RS422/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

SD card	uSD
USB	2xUSB 2.0 500mA

Environmental

Operating temperature	-10°C to +50°C
Storage temperature	-20° 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	IP20
Sealing back	IP20
Humidity	5% – 85% non-condensed
Altitude (max)	< 3000m