Industrial Equipment Manufacturing

Edge Solution Ready Package

Edge Data Collector

Edge Data Gateway

Edge-SRP
Edge Solution Ready Package

ESRP-PCS-UN02271

- Supports multiple PLC protocol drivers for data conversion
- Enabling data visualization for real-time monitoring
- Bridges the gap between OT and IT

WebAccess/HMI

MQTT OPC UA Modbus 400+ PLC

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Edge Solution-Ready Package

ESRP-PCS-UNO2271

System Block Diagram

Key Advantages/ Features

100% Data Acquisition

Supports 400 PLC communication drivers and self-defined protocol to completely acquire controller status, temperature, humidity and other sensor data.

Flexible Protocols Conversion

Greatly shortens engineering time through intuitive UI setting to rapidly covert protocols for a max. of 15 different branded PLCs simultaneously.

Easily Connect OT and IT

Supports Modbus / OPC UA/ MQTT connection to SCADA/ MES system to optimize production efficiency.

	Data Gateway
Part Number	ESRP-PCS-UNO2271
Operating System	Win10 IoT Enterprise LTSB
Application Software	WebAccess HMI 1500 tags
CPU	Intel® Atom™ dual core E3825 (1.33 GHz)
Memory	4 GB of DDR3 RAM
Storage	32 GB eMMC
LED Indicators	Power, HDD, LAN Status
Expansion Slots	1 x Full-size mPCIe
Mount Options	Stand and wall with optional VESA, DIN rail, and pole
Network (LAN)	2 x RJ45, 10/100/1000 Mbps BASE-T
I/O	1 x HDMI, supports 1920 x 1080 @ 60Hz 1 x USB 3.0 2 x RJ45 LAN 2 x RS-232/422/485
Dual DC Power Input	10 ~ 30 V_{DC}
Operating Temperature	0 ~ 50 °C (32 ~ 122 °F)
Storage Temperature	-20 ~ 70 °C (-4 ~ 158 °F)
Dimensions (W x D x H)	100 x 70 x 65 mm (3.93 x 2.75 x 2.55 in)
Certification	CE, FCC, UL, CCC, BSMI

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Ordering Information

ESRP-PCS-UNO2271	Equipment connectivity data gateway with WebAccess/HMI 1500 tags, 1 x HDMI, 1 x USB 3.0, 2 x LAN, 2 x COM

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