

Industrial
Equipment
Manufacturing

Edge Data Collector

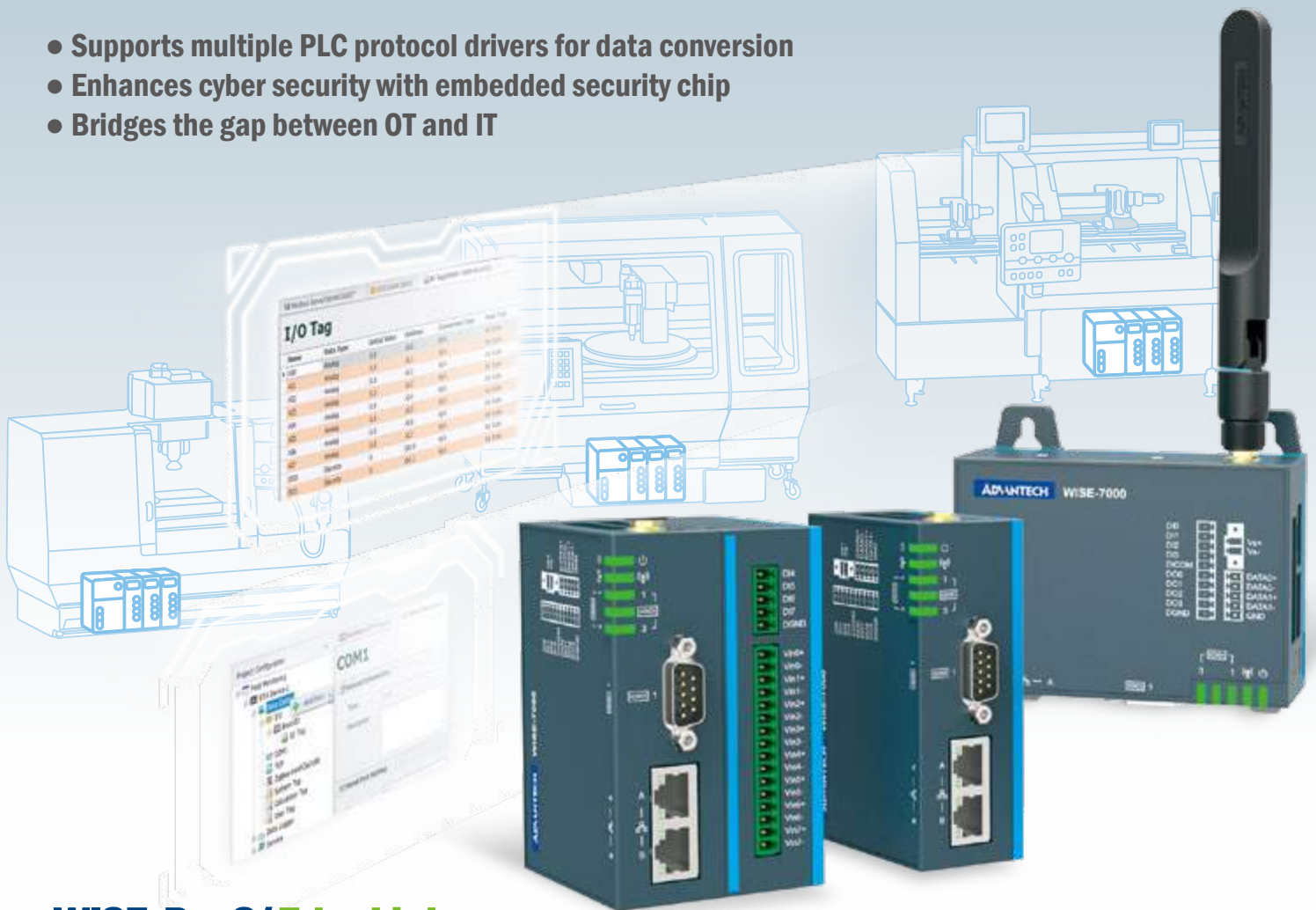
PLC-Side Protocol Converter

Edge
Solution Ready
Package

ESRP-PCS-WISE7140



- Supports multiple PLC protocol drivers for data conversion
- Enhances cyber security with embedded security chip
- Bridges the gap between OT and IT



WISE-PaaS/EdgeLink



200+ PLC

LightweightM2M
specified at omo

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WISE-PaaS

Edge Solution-Ready Package

ESRP-PCS-WISE7140



Supports various PLC protocol drivers for data conversion

Edgelinek supports more than 200 PLC protocol drivers for collecting data from legacy devices, and features plug-and-play functionality to dramatically reduce software development time.



Enables enhanced cyber security

Data is encrypted using a Microsoft Azure IoT-certified embedded security chip that provides the best in class anti-tampering performance for data protection.



Equipped with multiple I/O for data acquisition

The compact size and support for RS-232/485, DI/DO, and LAN, as well as diverse expansion modules (8 x AI/4 x DI, 4 x RTD/4 x TC) make the Edge-SRP ideal for IoT gateway applications.

	Protocol Converter	Data Gateway
Part Number	ESRP-PCS-WISE7140	ESRP-PCS-UNO2271
Operating System	Yocto 2.1/ Ubuntu 16.04	Windows 10
CPU	i.MX6DL ARM Cortex-A9 (up to 1GHz)	Intel® Atom™ E3815 (1.46 GHz)
Memory	1 GB of DDR3 RAM	4 GB of DDR3 RAM
Backup Memory	128 KB FRAM	N/A
Storage	8GB eMMC	32 GB SSD
LED Indicators	LEDs for Power, Wireless, COM 1~3	Power, HDD, LAN Status
Expansion Slots	1 x Full-size mPCIe	1 x Full-size mPCIe
Mount Options	DIN rail, wall, and pole (optional)	Stand and wall with optional VESA, DIN rail, and pole
Network (LAN)	2 x RJ45, 10/100/1000 Mbps BASE-T	2 x RS-232, 10/100/1000 Mbps BASE-T
I/O	COM 1: 1 x RS-232/485 (DB9) COM 2: 1 x RS-485/CAN bus (Terminal 2 pin) COM 3: 1 x RS485 (Terminal 3 pin) Ethernet: 2 x LAN (RJ45) USB: 1 x micro USB (2.0) DI/DO: 4 x digital input, 4 x digital output SD: 1 x micro SD	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	24 V _{DC}	10 ~ 30 V _{DC}
Operating Temperature	-20~55 °C	0 ~ 50 °C (32 ~ 122 °F)
Storage Temperature	-30 ~ 75 °C	-20 ~ 70 °C (-4 ~ 158 °F)
Dimensions (W x D x H)	100 x 70 x 35 mm	100 x 70 x 65 mm (3.93 x 2.75 x 2.55 in)
Certification	CE, FCC	CE, FCC, UL, CCC, BSMI

Ordering Information

ESRP-PCS-WISE7140	PLC protocol converter with EdgeLink, 1 x micro SD, 2 x LAN, 3 x COM, 4 x DI/DO
ESRP-PCS-UNO2271	Equipment connectivity data gateway with WebAccess/HMI, 1 x HDMI, 1 x USB 3.0, 2 x LAN, 2 x COM