

SRP-IFS220 iFactory WebAccess Gateway

iFactory/Data Gateway WebAccess/SCADA



Features

Gateway Solution Ready Package

- Powerful Intel Core i3 processor performance
- 8G DDR4 and 128 GB SSD installed
- Microsoft Windows Embedded 10 64-bit installed
- Supports data preprocessing and increase accuracy
- Easy configuration and simple dashboard for real time monitoring
- Quick connect with Advantech iFactory's cloud solutions through MQTT

WebAccess/SCADA

- Preinstalled WebAccess/SCADA 600 tags
- 100 % Web-based SCADA software architecture connects all devices between OT/IT level
- Supports Open Data Protocols: OPC UA/DA, DDE, and Modbus
- Supports Open Database: SQL, Oracle, MySQL and Access

Introduction

Advantech Intelligent Gateway is an IIoT gateway solution which does data aggregation and preprocessing at the gateway layer which reduces unnecessary data relays to the cloud, thereby lowering overall solution cost. Using WebAccess/SCADA protocols, you can acquire the raw data from various sensors and devices. Through the bundled iFactory/Data Gateway data acquisition software you can configure and preprocess data and create a simple visual dashboard at the gateway layer. We also provide a total solution that allows you to upload preprocessed data through iFactory/Data Gateway to our cloud solution through MQTT service.

Feature Highlight

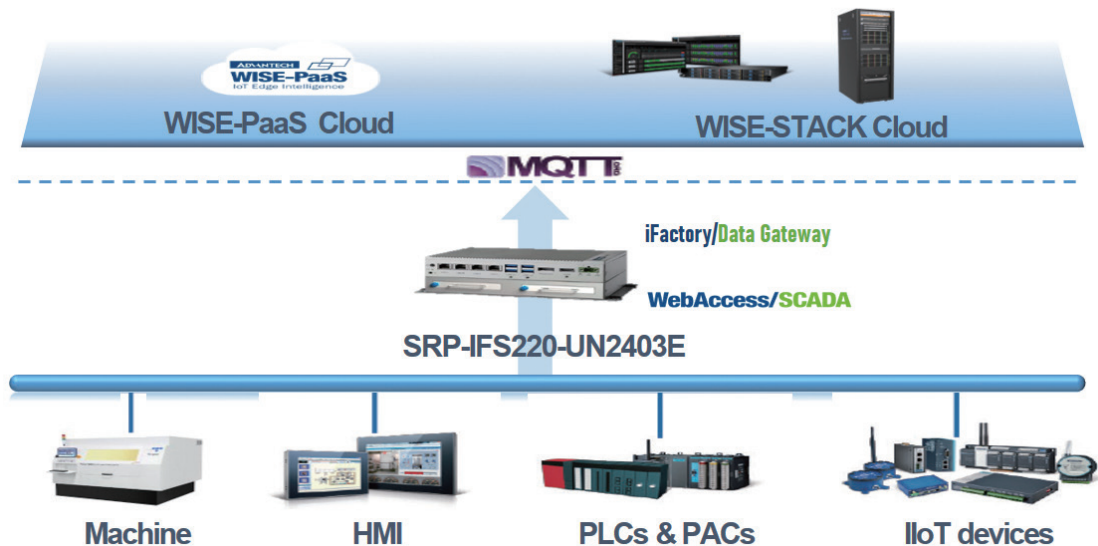
iFactory/Data Gateway

- Web Gateway user interface for remote setting and maintenance
- Simple dashboard for real time monitoring
- Quick connect with Advantech iFactory's cloud solutions through MQTT
- Integrated WebAccess/SCADA which can support more than 300 drivers
- Supports data preprocessing based on iFactory's cloud solutions
- Lowers data transition volume to cloud and saves storage costs
- 7 day historical data tracing
- Easy software upgrade due to docker design.
- Supports 7-day broken-point continuous data transfer to the cloud

Integrate with WebAccess/SCADA

- Enables 100% web-based remote engineering, monitoring, and control
- Driver support for major PLCs, PACs, I/O modules, CNCs, network switches, and computer platforms
- Supports standard protocols including Modbus, OPC UA, OPC DA, Ethernet/IP, DNP3, SNMP, and BACnet
- WISE-PaaS/Dashboard and WISE-PaaS/SaaS Composer on-premises integration which is highly leveraged with cloud versions that brings visualization to next level
- Provides WebAccess APP for remote monitoring/control and alarm push notification for Android/iOS mobile devices
- Easily integrated with third-party software (e.g., MES and ERP) via open interface web services (RESTful API and SignalR), widget interfaces, and WebAccess APIs
- Flexible database restore mode for automatic data access with improved query speeds
- Soft license online authentication

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Selection of Gateway Service

Part Number	SRP-IFS220-UN2403E	
SRP Software	Operation System	Windows 10
	Office	N/A
	SCADA	WebAccess 9.0.1
	SCADA Max Linkage	600 tags
	Container Tech	Docker Container in Linux VM
	Database	InfluxDB Version 1.8 & Mongo Version 4
	Customized Graphic Platform	WISE-PaaS/Dashboard
	Browser	Supports HTML5 Browser (Recommend Google Chrome)
	Language	English
SRP Hardware	Hardware Platform	UNO-2484G
	CPU	Intel Core 2.4M 2Core i3-7100
	Memory	8G DDR4
	Storage	C drive: 128GB, mSATA SSD
	Power Supply Unit	N/A
	I/O & Port	RJ45 x 4 HDMI x 1 USB x 4 COM x 4
	Certifications	CE / FCC / UL / CCC

Ordering Information

- **96PSA-A150W24T2-3** Power Adapter 150W
- **96PSA-A120W24T2-3** Power Adapter 120W
- **1702002600** Power Cable US Plug 1.8M (Industrial Grade)
- **UNO-REPWR-AE** Remote power & reset kit

Accessories

- **1702002605** Power Cable EU Plug 1.8M (Industrial Grade)
- **1702031801** Power Cable UK Plug 1.8M (Industrial Grade)
- **1700000596** Power Cable China/Australia Plug 1.8M (Industrial Grade)
- **UNO-2000G-VMKAE** UNO-2000 VESA Mount Kit
- **UNO-2000G-DMKAE** UNO-2482G DIN RAIL Kit
- **UNO-2000-LKAE** Cable lockable kit 10 units/per pack