

# SRP-IFS220 iFactory EdgeLink Gateway

## iFactory/Data Gateway WISE-PaaS/EdgeLink



## Features

### Gateway Solution Ready Package

- Intel® Atom™ E3825 processor with 4GB DDR3L onboard memory
- 2 x GbE, 1 x USB 3.0, 1 x HDMI, option 2 x RS-232/422/485
- Supports data preprocessing and increase the accuracy
- Easy configuration and simple dashboard for real time monitoring
- Quick connect with Advantech iFactory's cloud solutions through MQTT

### WISE-PaaS/EdgeLink

- Preinstalled WISE-PaaS/EdgeLink 600 tags
- Secure Data Conversion for Integrating Data with Third-Party Systems
- Plug-and-Play cloud access for rapid deployment
- Optimizing Efficiency with Connected Equipment

## 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 WISE-PaaS/EdgeLink 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.

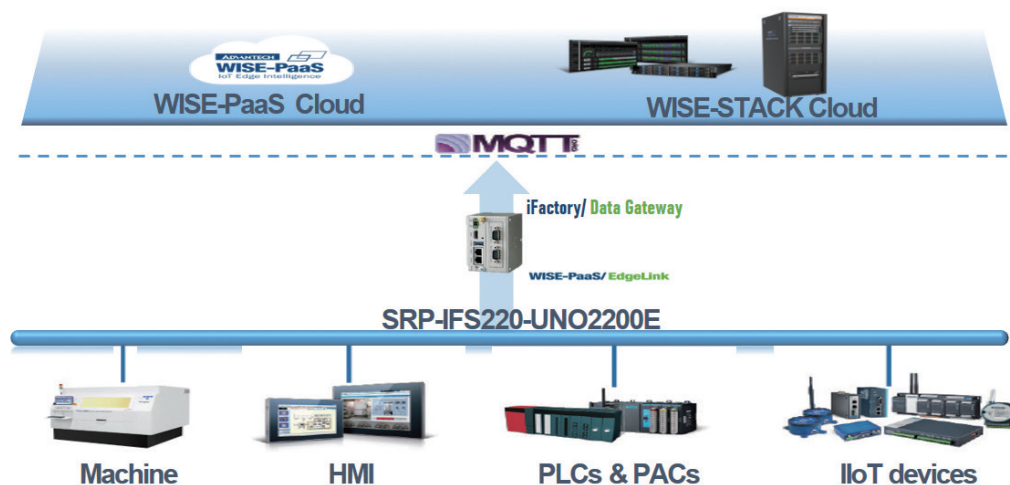
## Feature Highlight

### 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 WISE-PaaS/EdgeLink which can supports 200+ device drivers
- Supports data preprocessing based on iFactory's cloud solutions
- Lower data transition volume to cloud and save the storage cost.
- 7 days for historical data tracing
- Software upgrade easy because the Docker design.
- Support 7 days broken-point continuingly-transferring to cloud

### WISE-PaaS/EdgeLink

- Support data acquisition like I/O drivers, WISE-PaaS/EdgeLink benefits data management, user tags and system tags.
- Support open VPN, active connection to WebAccess, store and forward and Protocol connection.
- Support project encryption, whitelisting, SSL encryption and data authority management.
- Support event hub for SMS/email alerts, SoftLogic runtime and data pretreatment
- Lightweight gateway software data uploads from edge to cloud



## SRP-IFS220 iFactory EdgeLink Gateway

### Selection of Gateway Service

Part Number	SRP-IFS220-UN2200E	
SRP Software	Operation System	AdvLinuxTU
	Office	N/A
	Control Software	iFactory/Data Gateway, WISE-PaaS/EdgeLink 600 tags
	Container Tech	Docker on Ubuntu
	Database	InfluxDB Version 1.8 & Mongo Version 4
	Customized Graphic Platform	Official Grafana/Dashboard
	Browser	Supports HTML5 Browser (Recommend Google Chrome)
	Language	English
SRP Hardware	Hardware Platform	UNO-2271G
	CPU	Intel Atom E3825 1.33G
	Memory	4G DDR3L
	Storage	C drive: 32GB eMMC
	Power Supply Unit	N/A
	I/O & Port	RJ45 x 2 HDMI x 1 USB x 1 COM x 2
	Certifications	CE, FCC Class A, UL, CCC, BSMI

### Ordering Information

- **PWR-247-DE** 60W AC to DC UNO series
- **1702002600** Power Cable US Plug 1.8M (Industrial Grade)

### 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)