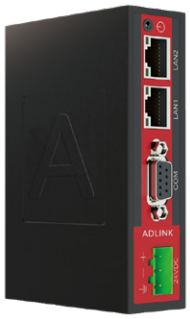
GW-01

PLC-interoperable IIoT Gateway



Highlights

- Supports more than 300 PLC types
- Cloud service connectivity

Features

- Supports a variety of PLC protocols including OMRON, Mitsubishi, and Siemens
- Powered by iM-Connect web-based software
- Cloud service connectivity through OPCUA, MQTT, and RESTFul API
- TI Sitara AM3352 ARM Cortex-A8 1GHz CPU
- 2x Ethernet Ports, 2x COM Ports
- 19.2V to 28.8V Isolated Power
- Isolated Communication Port
- PCB conformal coating protection
- Metal chassis, DIN-rail mounting

Introduction

The GW-01 is powered by iM-Connect, a web-based and simple-to-use programming software that support a variety of industrial communication protocols, PLC drivers, and IIoT cloud connections as a simple but reliable protocol conversion and data acquisition platform for connected industries.

Ordering Information

- **GW-01**
  IIoT Gateway

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Specifications

Model Name	GW-01
System	
Processor	TI Sitara AM3352 ARM Cortex-A8 1GHz CPU
Memory	512MB SDRAM (1GB optional)
Thermal Design	Fanless
Storage	4GB eMMC (8GB optional)
I/O	
USB Host	1
Serial Ports	1x RS-232, 1x RS-422/485
LAN	2x 10/100 Mbit Ethernet Port
Power Connector	3-pin terminal block
Mechanical	
Dimensions	120 x 85.45 x 31.25 (mm)
Net Weight	0.45 (kg)
Power	
Power Input Range	19.2V to 28.8V Isolated Power
LED Indicator	1
Construction	
Chassis Material	SECC
Mounting	25mm DIN-rail mounting
Accessories	1x Setup Manual, 1x 25mm DIN Rail Clip, 2x M3x6mm flat head screw, 1x Recovery USB Drive
Environmental	
Operating Temp.	-20°C to 70°C
Storage Temp.	-20°C to 80°C
Humidity	10% to 90% @ 40°C (non-condensing)
ESD Protection	Contact Discharge 4kV, Air Discharge 8kV
Certification	CE/FCC (EN 61000-6-4, EN 61000-6-2, EN55032, EN55035), Class A
Supported Software	iM-Connect® Protocol Conversion Software Runtime
Operating Systems	Linux Kernel 3.14

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