

## Features / )

TI Sitara AM3352 ARM Cortex-A8 1GHz CPU

**Protocol Conversion Gateway Products** 

- 2 x Ethernet ports, 2 x Serial port (1 x DB9)
- DC19.2 ~ 28.8V, Isolated Power
- Isolated Communication Port
- Fanless, compact designers
- PCB conformal coating protection
- -20~70°C wide operating temperature
- Metal chassis, DIN-rail mounting
- Powered by APLEX Software Smart-Connect



Gateway

## Specifications /

Processor	TI Sitara AM3352 ARM Cortex-A8 1GHz CPU
Memory	512MB SDRAM (1GB option)
Thermal Design	Fanless
PCB Conformal Coating	Yes
Storage	4GB eMMC (8GB option)
USB Host	1
RS-232/422/485	1 x RS-232, 1 x RS-422/485
LAN	2 x 10/100 Mbit Ethernet Port
Power Connector	3-pin terminal block
Dimensions (mm)	120 x 85.45 x 31.25 mm
Net Weight (kgs)	0.45 kg
Power Input Range	DC19.2 ~ 28.8V, Isolated Power
LED Indicator	1
Chassis Material	SECC
Mounting	25mm DIN-rail mounting
Accessories	1 x Setup Manual, 1 x 25mm DIN Rail Clip, 2 x M3x6mm flat head screw, 1 x Recovery USB Drive
Operating Temperature	-20 ~ 70°C
Storage Temperature	-20 ~ 80°C
Storage Humidity	10%~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
Built-in Software	Smart- Connect Protocol Conversion Software Runtime
Operating Systems	Linux Kernel 3.14

## ■ Software Feature < Smart - Connect >





Alarm Notification





Programmable Macro JavaScript



Online Upgrade



SECS / GEM (option) SEMI E4 / E5 / E30 / E37 / PCBECI

**MQTT Protocol** 



User Management

USB File Back-up Datalog / Alarm History



Web-based Software



**PLC Driver Database** Modbus RTU / Modbus TCP/



IP / CANOpen / BACnet



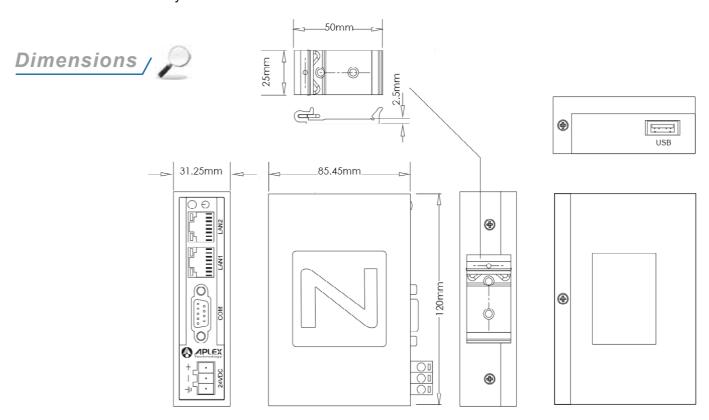
**Cloud Connection** Amazon AWS / Microsoft Azure

OPC UA

Server / Client



APLEX SIER PLC GW is powered by a web-based and simple-to-use programming software, Smart-Connect, that supports a variety of industrial communication protocols, PLC drivers, and IIoT Cloud connections as simple but reliable protocol conversion and data acquisition solution, enabling dataflow communication from legacy equipment to IT network effortlessly.



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