



Features

- ARM Cortex-A8 800 MHz RISC Processor
- Onboard DDR3L 1 GB / eMMC 16GB
- Multiple I/O interface connections for data collection
- 9-36VDC Power Input
- Mini PCI-e connector Expansion
- Onboard Wi-Fi/Bluetooth Module
- Pre-Install Linux Debian
- Wide operating temperature range -20°C to 70°C

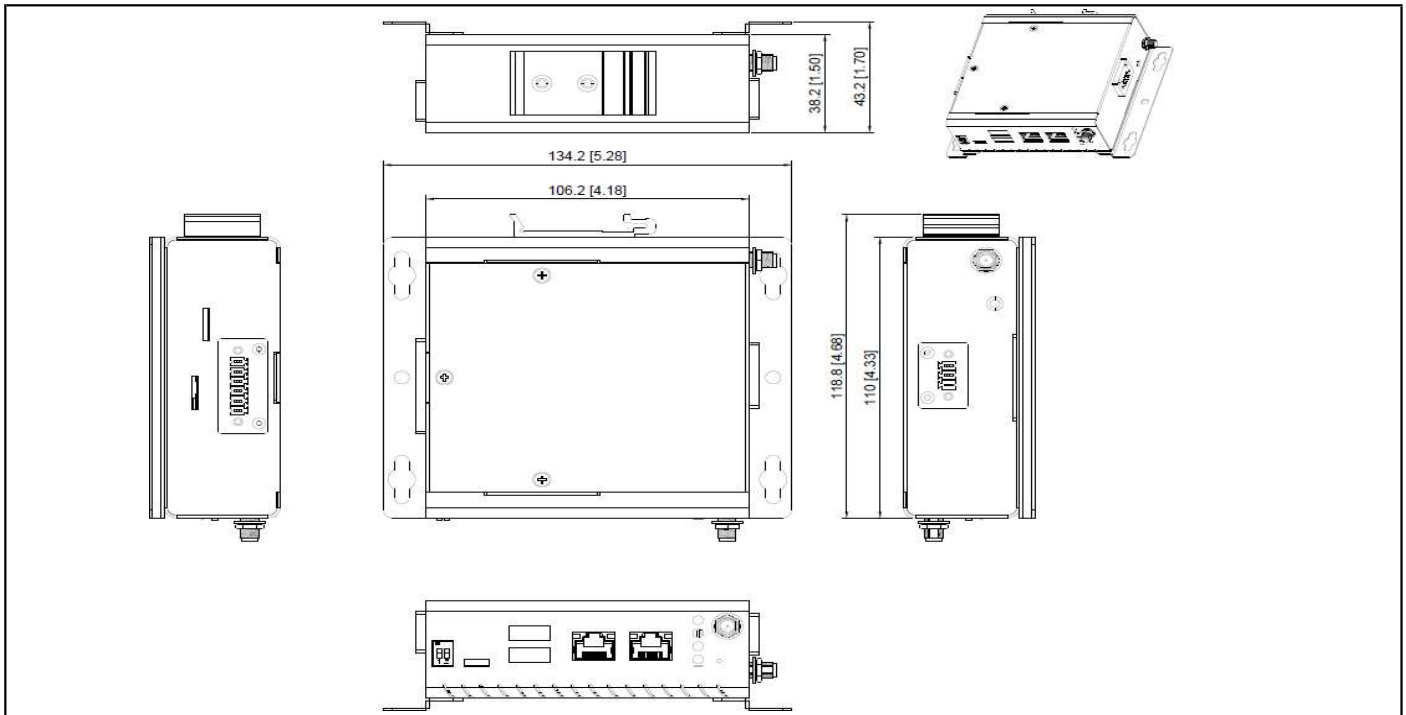
Specifications

System	
CPU/GPU	ARM Cortex-A8 800 MHz RISC Processor
Chip	TI AM3352
Memory	Onboard DDR3L 1GB
Storage	eMMC 16GB
Real time clock	Yes
Indicators	4 x Programmable LED control
Cellular	Supported (Optional)
Wireless	WiFi 802.11 b/g/n, Bluetooth4.2 / BLE
Operating System	Debian 10
Support Protocol	Modbus / MQTT Library(by request)
Power Supply	
Power Requirement	DC-In 9-36 V
Power Consumption	7.8W (Full Loading)
MTBF (Hours)	70,000
Environmental and Mechanical	
Dimension	106 x 110 x 38mm
Weight	400g
Mounting/Installation	Wall mount, Din Rail (Optional)
Operating Temperature	-4 °F ~ 158 °F (-20 °C ~ 70 °C)
Storage Temperature	-40 °F ~ 176 °F (-40 °C ~ 85 °C)
Operating Humidity	10% ~ 95% relative humidity non-condensing
Environmental and Mechanical	
Regulations	CE, FCC
Carrier	Planning

Interface	
Serial Port	1 x Terminal block 6-pin ,RS-485
CAN Bus	--
Ethernet	2 x Gigabit Ethernet, RJ-45
USB	2 x USB 2.0, Type A
DI/DO	--
AI/AO	--
Display	--
Power Connector	1 x Terminal block 3-pin ,3.81mm
Debug Port	1 x Micro USB for console
Expansion Slot	1 x micro-SD slot 1 x nano SIM card slot
Other Interface	1 x Mini-PCI-e Connector for RF module

Dimension

Unit: mm / inch



Ordering Information

Part Number	Packing List
2SPG3352Z-06 Protocol Gateway, ARM Cortex A8, 1GB DDR3L, 16GB eMMC, DC-In 9-36V	1 x Wall Mount Kits 1 x 3pin Terminal Block 1 x 6pin Terminal Block

Optional Accessories

Part Number / Item			
4G LTE	Mini PCIe PLS83-W 4G LTE module	OPC UA Stack	Ethernet/IP Stack
4MAM041004A	DIN Rail Kits 47x25mm.	EtherCAT Stack	IO-Link Stack
Power	Power AC/DC 100-240VAC 12V 3A 36W	PROFIBUS Stack	MQTT
		PROFINET Stack	Modbus