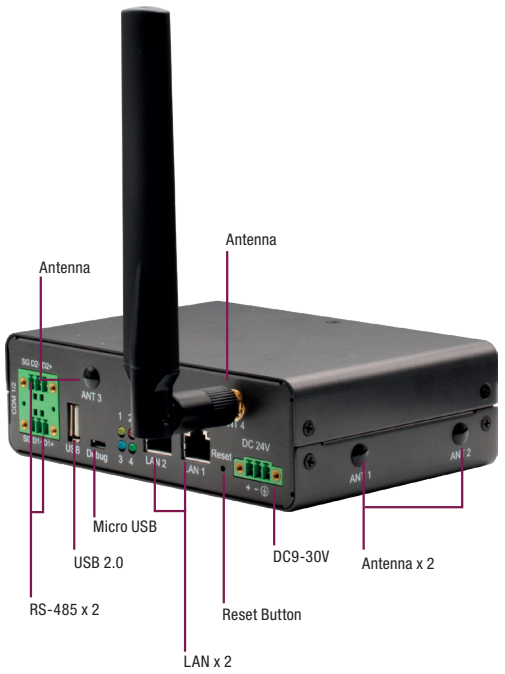
SRG-3352

Standard IoT Gateway System With Onboard ARM Cortex-A8 800 MHz RISC Processor

Front View



Rear View



Features

- ARM Cortex-A8 800 MHz RISC Processor
- Onboard DDR3L 1 GB
- eMMC 8G
- Built-in Micro SD Card Slot x 1
- 3G/4G LTE mini PCIe connector x 1
- NB-IoT connector x 1
- SIM card socket x 1
- Gigabit Ethernet RJ-45 x 2 LAN port
- USB2.0 x 2
- RS-485 x 2
- 4 LED lights controlled through GPIO
- Real time clock x 1
- DC9-30V
- Option for wall mounting or DIN rail mounting
- Antenna x 2 (optional)
- VGA x 1 (optional)

Specifications

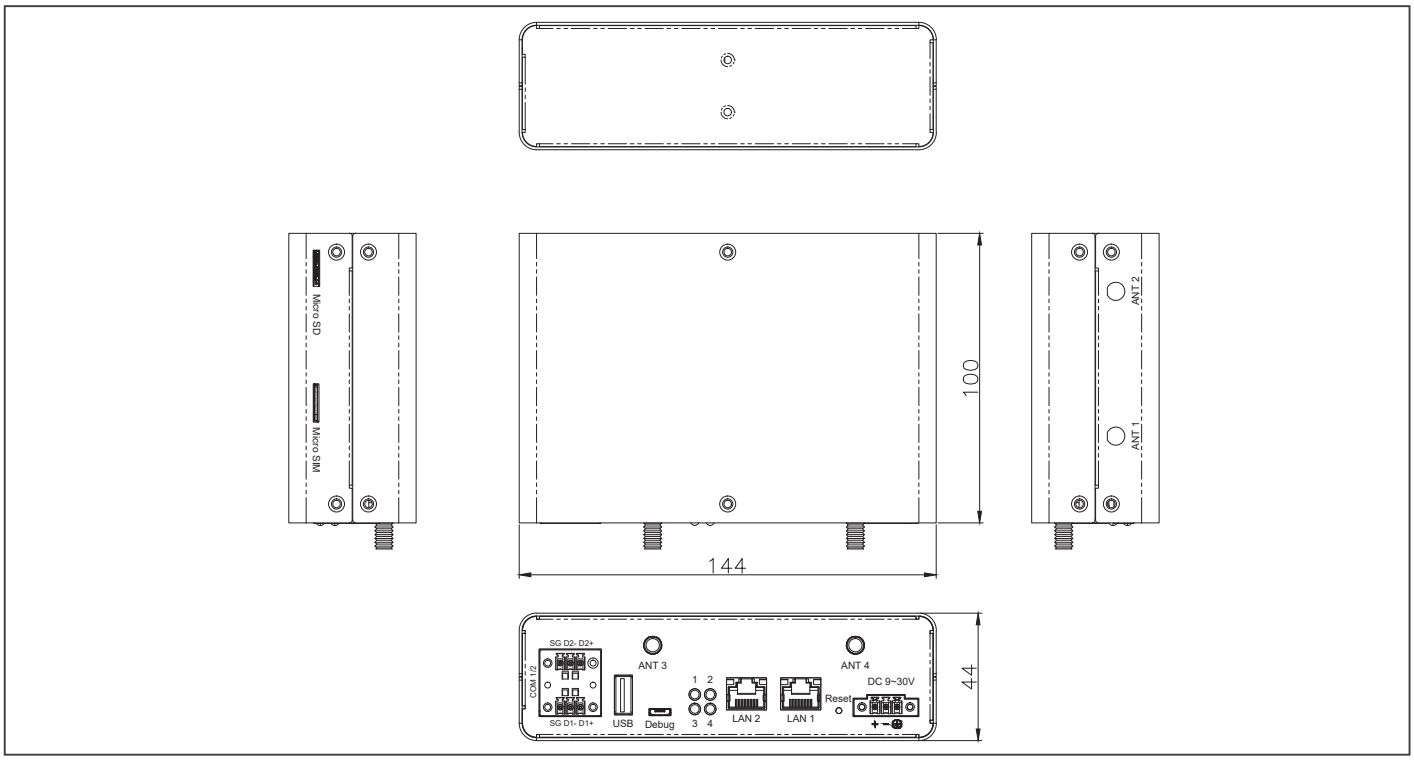
System	
Processor	ARM Cortex-A8 800 MHz RISC Processor
System Memory	Onboard DDR3L 1GB
RTC	Serial real time clock x 1
Expansion Interface	3G/4G LTE mini PCIe connector; NB-IoT connector; SIM card socket x 1
Battery	3V CR2032 Lithium battery for RTC
Power Requirement	DC9-30V
Power Consumption	2.28 W
Dimension	5.67" x 3.94" x 1.73"(144 x 100 x 44mm)
Gross Weight	512 g
Operation Temperature	32 °F ~ 140 °F (0 °C ~ 60 °C)
Storage Temperature	-40 °F ~ 176 °F (-40 °C ~ 80 °C)
Operation Humidity	10% ~ 95% relative humidity, non-condensing
MTBF (Hours)	855,890
I/O	
Storage	eMMC 8G; Micro SD slot
Serial Port	RS-485 x 2
LAN	Gigabit Ethernet, RJ-45 x 2
USB	USB 2.0 x 2
GPIO	4 LED control

Note: All specifications are subject to change without notice.

SRG-3352

Dimension

Unit: mm



Ordering Information

Part Number	CPU	Memory	Thermal	COM	Storage	LAN	USB	Expansion slot	Power	Operation Temp.	Others
SRG-3352-A10-A001	ARM Cortex-A8 800MHz	Onboard DDR3L 1G	Fanless	RS-485 (D-sub)	eMMC 8GB, MicroSD x1	GbE x 2	USB 2.0 x 1 Micro USB x 1	Mini PCIe slot x 1, SIM card socket x 1	DC9-30V	0°C ~ 60°C @ 0.5 m/s airflow	VGA x 1 (optional), 3G/4G LTE module (optional)
SRG-3352-A10-A002	ARM Cortex-A8 800MHz	Onboard DDR3L 1G	Fanless	RS-485 (phoenix)	eMMC 8GB, MicroSD x1	GbE x 2	USB 2.0 x 1 Micro USB x 1	Mini PCIe slot x 1, SIM card socket x 1	DC9-30V	0°C ~ 60°C @ 0.5 m/s airflow	VGA x 1 (optional), 3G/4G LTE module (optional)

Packing List

- **SRG-3352**

Optional Accessories

- **1255300368**
  Power Adapter. AC/DC. 100-240VAC. 12VDC/3A. 36W. AOEM. ADS036T-W120300. (phoenix connector)
- **9741EC25E0**
  PCIe mini card.4G LTE module kit with cable & Antenna, EC25-E
- **9741EG25G0**
  PCIe mimi card. 4G LTE. module kit. Global Band W/SIM holder. W/Cable & antenna. Quectel. EG25-G
- **9741236A00**
  Mini card WiFi Kit.802.11ac/a/b/g/n,BT4.2.USB Signal.W/cable&antenna
- **9751335201**
  Din rail kit. 44 x 48.3mm
- **9751335202**
  Wall mount kit. 100 x 35mm

Installation Scenario



DIN-Rail Mount Illustration



Wall Mount Illustration