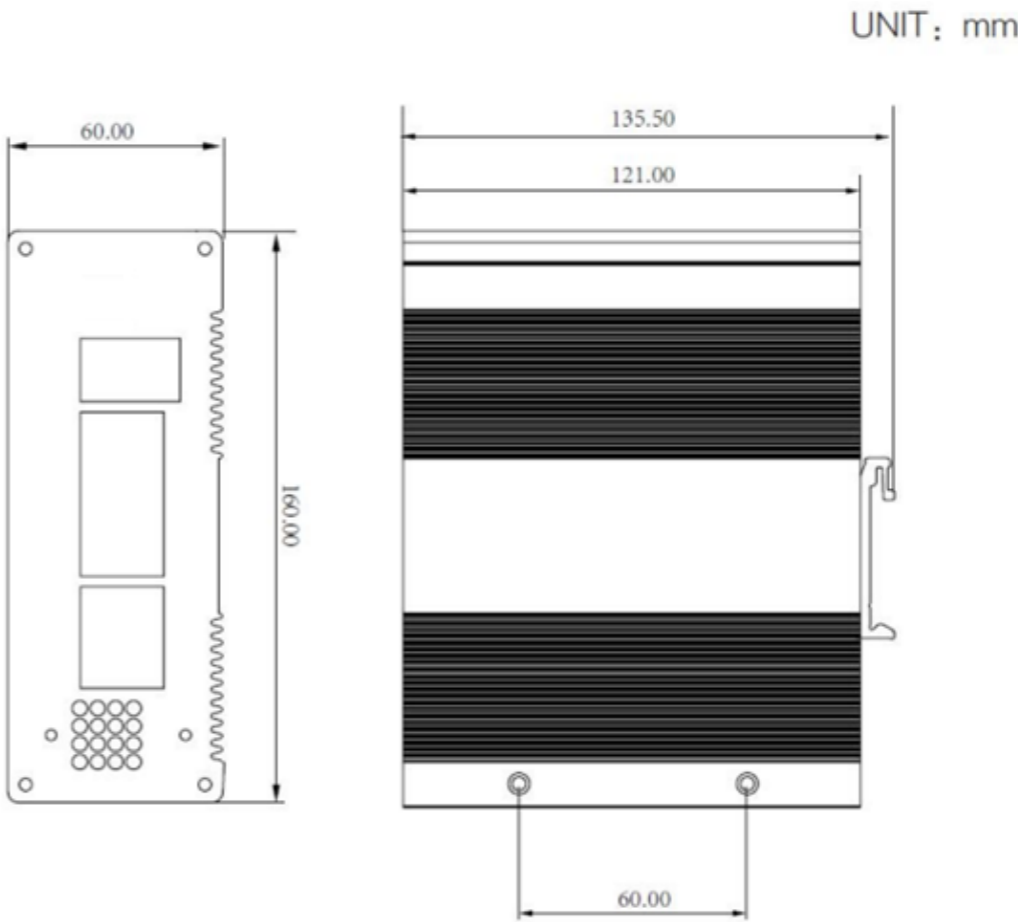## Features

- Industry standard, using high-performance industrial 32-bit processor
- IP30 metal, suitable for various industrial application
- RS232/RS485 multiple protection mechanisms, such as ESD protection, power isolation protection, and surge protection
- 6 x RS-485/232, 2 x 10/100Mbps LAN
- Linux4.4/3.2 operating system, supports C/python secondary development
- Support Modbus RTU. ASCII Master/Slave

Dimensions

UNIT：mm

Specifications

Hardware	
CPU	TI AM3352 ARM Cortex A8 600MHZ
Memory	512MB (can expanded to 1GB)
Storage	Onboard 256MB Nand Flash (can expanded to 1GB)
EEPROM	2Kb EEPROM AT24C02
LAN	2 x LAN(RJ45): 10/100Mbps
USB	2 x USB 2.0 (2 x 6 pin header)
GPIO	2 x GPIO (2 x 6 pin header)
LED Indicators	1 x PWR, 1 x RUN, 1 x GPIO, 1 x HDD, 12 x TX/RX
Serial Ports	2 x RS232/RS485, Support 2.5KV photoelectric isolation protection 4 x RS485,Support 2.5KV photoelectric isolation protection
Serial Operation Mode	RTU Master/RTU Slave/ASCII Master/ASCII Slave Master mode: Supports up to 32 TCP slave connection requests Slave mode: Supports up to 32 TCP master connection requests
TF Slot	YES
SIM	Support 1.8V/3V SIM/UIM
Wireless	4G/WIFI option
Dimension (WxDxH)	160 x 121 x 60 mm
Mounting	DIN-rail
Temperature	Operating Temperature: -25~55°C Storage Temperature: -40~80°C
Humidity	95% @ 40°C (104°F) (non-condensing)

Power	
Power Input	Wide range DC 9~36V power input Min: 250mA/12V, MAX: 500mA/12V Min: 250mA, MAX:500mA 4G: 1A-12V

Management	
Operation system	Support Linux kernel 3.2.0
Management Interfaces	Web management
IP Version	IPv4
Operation Mode	RTU Master RTU Slave ASCII Master ASCII Slave
Time	NTP
Security	Accessible IP function

Standards Conformances	
Standards	Meet CE/FCC Class A
Temperature	Operating Temp. -20~70°C Storage Temp: -40~85°C
Humidity	10%~90% non-condensing, operating
Enclosure	IP30 Metal

V 1.2

Gateway

All specifications and photos are subject to change without notice.

All specifications and photos are subject to change without notice.

Gateway