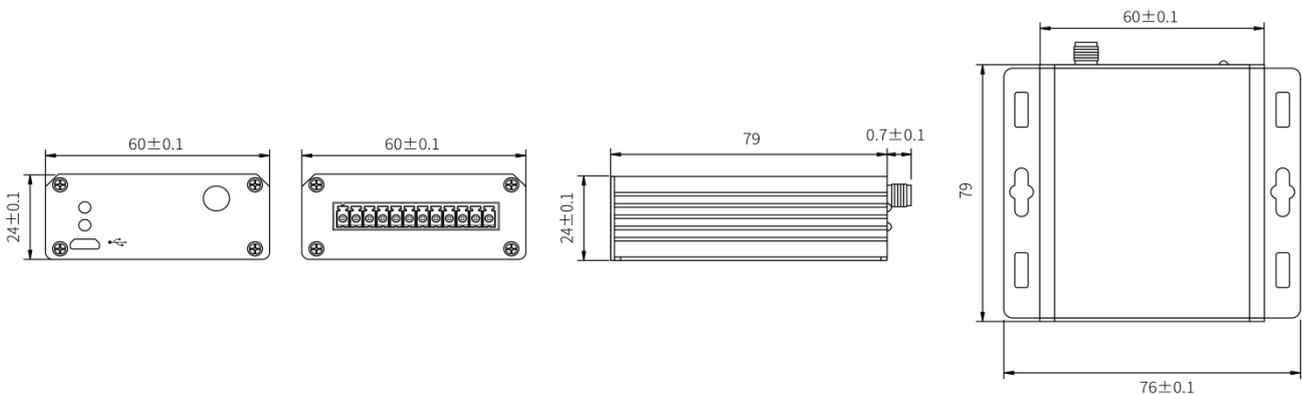


◆ Features

- Easy to connect with multiple wired sensors through GPIO/AI/RS232/RS485 interfaces
- Multiple triggering conditions and actions
- Support multiple network protocols and AWS IoT platforms
- Embedded watchdog for work stability
- Industrial metal case design with wide operating temperature range
- Quick and easy management with Milesight IoT Cloud solution

◆ Dimensions(mm)



◆ Specifications

Cellular Interface

Antenna Connector	1 × 50 Ω SMA Connectors (Center PIN: SMA Female)
SIM Slot	1(Micro SIM-3FF)
Application Mode	TCP/UDP/MQTT/AWS/Milesight IoT Cloud

Data Interfaces

Interface Type	3.5mm Terminal Block
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IO

Digital Input	Opto-isolated Digital Inputs, 3-24VDC (pulse counter support)
Digital Output	SPDT Relay Contact Rating: 3A@DC Max: 30 V or AC Max: 250 V

Serial Port

Ports	RS232/RS485
Baud Rate	4800~115200bps(RS232)/1200~115200 bps(RS485)
Protocol	Transparent (RS232), Modbus RTU (RS485)

Analog Input

Input Range	4~20mA
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Resolution 12 bit

Others

Configuration Port 1 × Micro USB

LED Indicators 1 × System, 1 × ACT

Built-in Watchdog, Timer

Physical Characteristics

Power Connector 3.5mm Terminal Block

Power Supply 5-24 VDC

Power Consumption ≤1.68W

Ingress Protection IP30

Operating Temperature -40°C to +70°C (-40°F to +158°F)

Relative Humidity 0% to 95% (non-condensing) at 25°C/77°F

Dimensions 79 × 60 × 24 mm (3.11 × 2.36 × 0.94 in)

Installation Desktop, Wall mounting

◆ Ordering Information

Model	Digital Input	Digital Output	Analog Input	RS232	RS485
UC3414	2	2	-	-	-
UC3422	1	1	2	-	-
UC3452	1	1	-	1	1

