

UC3x Series

Cellular Remote I/O



UC3x series cellular remote I/O is a device used for data acquisition from multiple sensors. It contains different I/O interfaces including analog inputs, digital inputs, relay outputs, serial ports. Besides, UC3x series support multiple trigger conditions and actions which can work without network. Combining with Milesight IoT Cloud solution, it can be easily managed and controlled via web server or mobile APP.

Adopting industrial design and IP30 metal case, UC3x series is widely used in indoor applications like smart industries, building automation, etc.

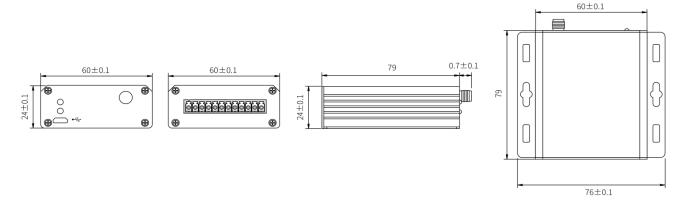
Application Example



◆ 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	$1 \times 50 \Omega$ 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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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				

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)			

Desktop, Wall mounting

Ordering Information

Installation

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











Support email: iot.support@milesight.com