



Milesight

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# iBox CoWork Kit

*Improve Efficiency in Digital Workplace*

## QUICK START GUIDE

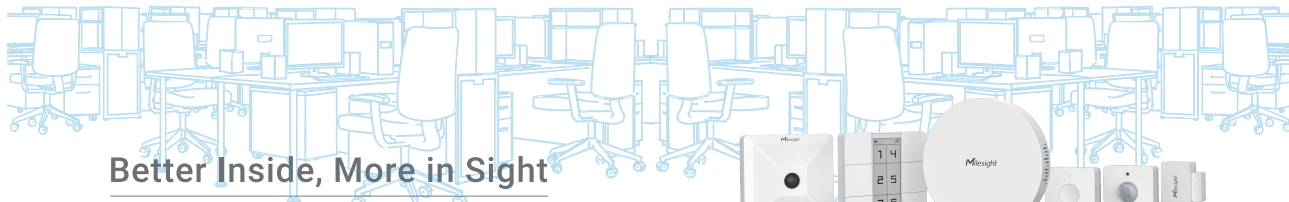


Cloud App



Quick Start Guide

 All software & files can be downloaded from  
<https://www.milesight-iot.com/documents-download/>



**Better Inside, More in Sight**

Milesight IoT Co., Ltd. | [www.milesight-iot.com](http://www.milesight-iot.com)










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## 1. Device List

Quantity	Item	Description	Applications
1	WS101 Smart Button 	WS101 smart button sensor supports different alerts depending on various press actions and can be used in emergency alarm system, remote control or other remote push button applications.	<ul style="list-style-type: none"> <li>Easy to be carried out by the seniors and the disabled or to be installed anywhere</li> <li>Remote control like lights or curtains in Smart Office</li> </ul>
1	WS202 PIR & Light Sensor 	WS202 sensor detects the movement based on passive infrared technology and also equips with light sensor which can link PIR detection so as to control the lights to turn on/off automatically when people are coming or leaving.	<ul style="list-style-type: none"> <li>Meeting room or occupancy detection</li> <li>Asset protection</li> <li>Intelligent light control</li> </ul>
1	WS301Magnetic Contact Switch 	WS301 sensor uses a magnet to detect the open/closed status of door/window or something has been moved. It's wire-free and can be easily mounted on the doors, panes, cabinets, etc.	<ul style="list-style-type: none"> <li>Entry/fire door monitoring</li> <li>Asset protection in the cabinets or boxes</li> <li>Suitable for offices, homes or factories applications</li> </ul>
1	WS156 Smart Scene Panel 	WS156 has 6 buttons to define 6 scenes and each scene can consist of multiple device controls. Besides, it equips a programmable E-ink screen which can customize the display content depending on scenarios.	<ul style="list-style-type: none"> <li>Remote control or alarms</li> <li>Suit for offices, hotels or schools</li> </ul>
1	VS121 AI Workplace Sensor 	VS121 counts people based on AI technology and can monitor the occupancy and utilization in workplaces.	<ul style="list-style-type: none"> <li>Meeting room or sitting room occupancy monitoring</li> <li>Line crossing counting</li> </ul>

Quantity	Item	Description	Applications
1	UG63 Mini LoRaWAN® Gateway 	UG63 mini indoor LoRaWAN® gateway provides stable connectivity between sensors and mainstream network servers or Milesight IoT Cloud.	<ul style="list-style-type: none"> <li>Collect data from LoRaWAN® sensors</li> <li>Forward data to Milesight IoT Cloud or mainstream network servers via Ethernet</li> </ul>
	1 Year (Pro1) Milesight IoT Cloud 	Milesight IoT Cloud provides unparalleled levels of vertical integration with Milesight LoRaWAN® gateways and sensors. It visualizes field data and enables user to monitor and control remote assets on an intuitive dashboard.	<ul style="list-style-type: none"> <li>Drag &amp; drop dashboard to display data</li> <li>Real-time alarm notifications</li> <li>Exportable historical data and generate reports</li> <li>Custom trigger conditions &amp; actions to enable collaborative interaction among end-devices</li> <li>Android &amp; iOS versions available</li> </ul>

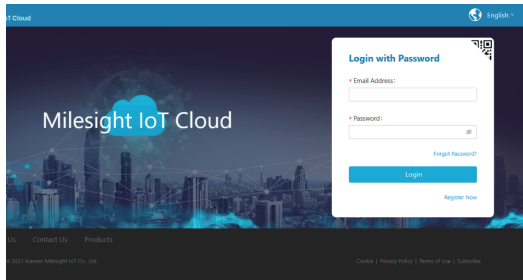
## 2. Packing List

Item	WS101	WS202	WS301	WS156	VS121	UG63
Device	●	●	●	●	●	●
Ethernet Cable						●
Mounting Sticker					●	
3M Double-Sided Tape	●	●		●		
Wall Mounting Kits	●	●			●	●
Mounting Screws			●			
Type-C Cable & Power Adapter					●	○
Warranty Card			●			

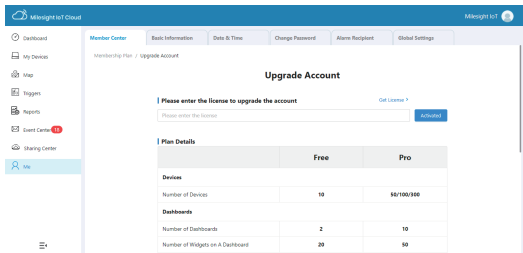
Note: ●=standard, ○=optional.

### 3. Registration and Activation

1. Open web browser, navigate to [cloud.milesight-iot.com](https://cloud.milesight-iot.com) to register a Milesight IoT Cloud account. You can also install Milesight IoT Cloud App from Google Play or App store.

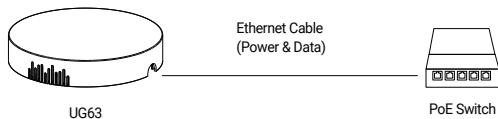


2. Activate the account to pro 1 plan by entering the activation code on the web GUI. You can contact your sales representative to get the activation code.

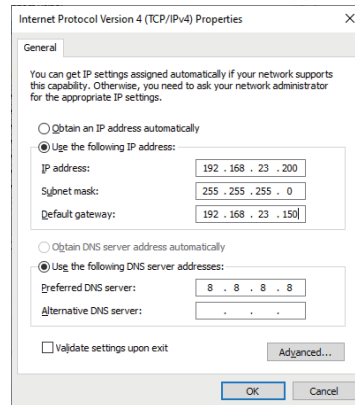


### 4. Setting-up the Gateway

1. Power on the UG63 via PoE or type-C port.



2. Connect the UG63 gateway to PC via Ethernet port or PoE Switch and configure the IP address of computer to the same subnet with the UG63 gateway manually (e.g. 192.168.23.200).

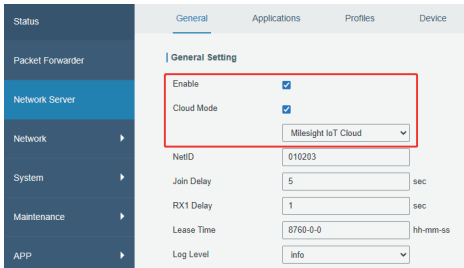


3. Type 192.168.23.150 into the browser on PC to log in the web GUI of UG63 gateway.

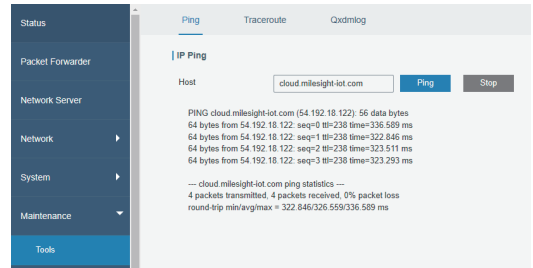
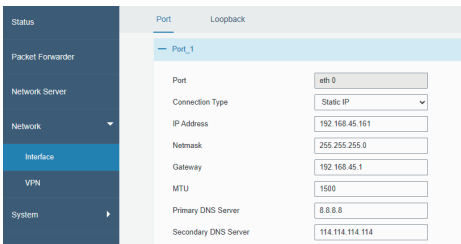
Username: **admin**

Password: **password**

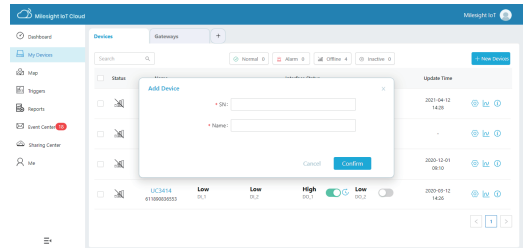
4. Enable the network server and Milesight IoT Cloud mode.



5. Select the Connection Type of Ethernet port and fill in the IP information, then connect UG63 gateway Ethernet port to network devices like a router or a modem to get Internet access.



6. Fill in the device SN to add gateway and ensure the gateway is online. You can also enter the SN manually on the Cloud App to add the gateway.



## 5. Setting-up the WS Series Device

1. Pull out the battery insulating sheet to power on WS series sensors.

2. Use an NFC-enabled smart phone to install Milesight ToolBox App from Google Play or App store, place the NFC area of phone close to the device and use Milesight ToolBox App to read and configure the device.



WS101



WS202



WS156



WS301

#### Milesight ToolBox App:

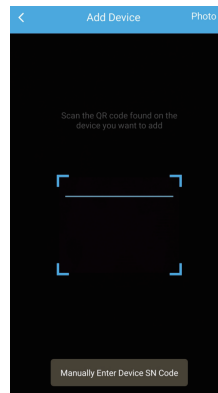


Android



iOS

3. Fill in the device SN to add the device on Milesight IoT Cloud page. You can also use Cloud App to scan the QR code on the label of device to add, or fill in the device SN manually to add the device.

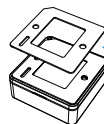


After devices are getting online, you can view the data on the cloud.

4. Fix sensors to the wall via 3M tapes or wall mounting kits.

#### Fixed by 3M Tapes:

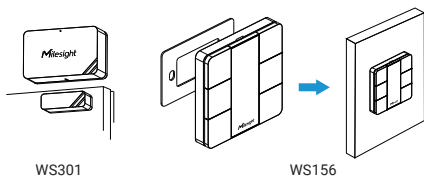
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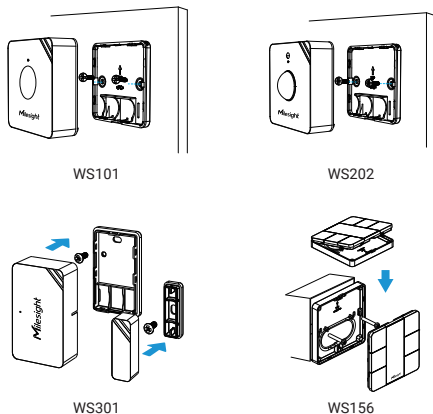
WS101



WS202



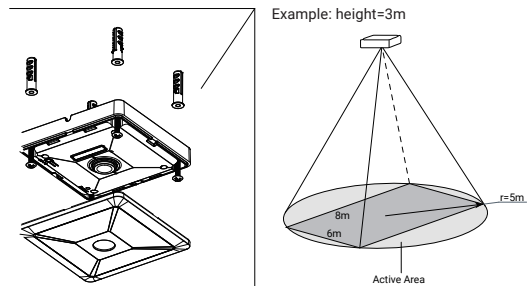
#### Fixed by Screw:



**Note:** for WS301, the plane distance between sensor and magnet should not be more than 15 mm, and the height difference should be less than 7.5 mm.

## 6. Setting-up VS121 Sensor

1. Power on VS121 sensor via type-C port.
2. Search and connect the Wi-Fi SSID of VS121(SSID can be found on the label of device), then open the browser and type 192.168.1.1 to access the web GUI.
3. Select the language and set the password to log in the web GUI, then complete the sensor settings.
4. Fill in the device SN to add the device on Milesight IoT Cloud page. You can also use Cloud App to scan the QR code on the label of device to add, or fill in the device SN manually to add the sensor.
5. Use mounting sticker to mark the mounting holes and fix the sensor with wall mounting kits. Installation requirement: the height should be 3m, and the thickness of ceiling should be more than 30mm.



# CoWork Solution

Thank you  
for choosing  
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