

LINOVISION

16 Ports UltraReach PoE Switch With
Remotely Cloud Management
POE-SWR420UR
Quick Guide (V1.1/2026-2-9)



Package Contents



POE-SWR420UR



Power Adapter

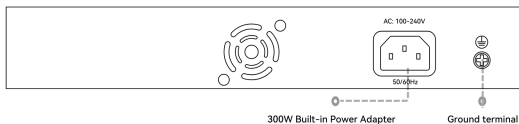
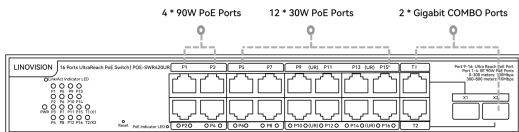


Rack Mount Accessory

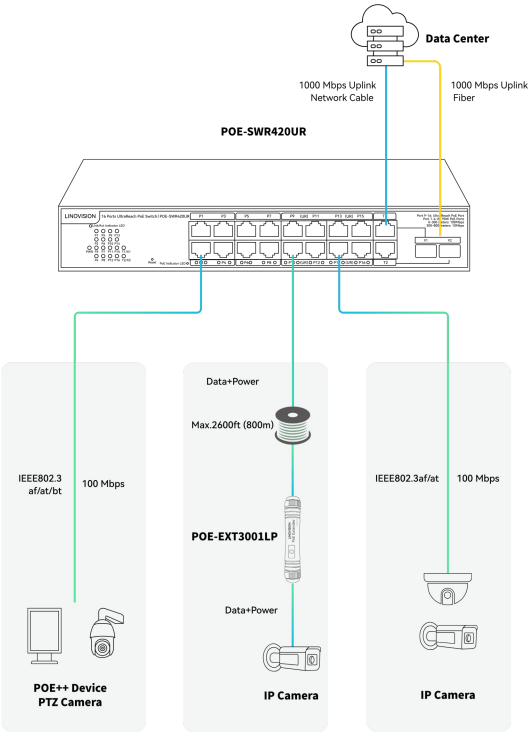


Quick Guide

Interface



Connection Diagram



WEB Login

Web Login Steps

Step 1

Ensure the switch is powered on and operating normally. Connect the PC to the switch RJ45 port using an Ethernet cable.

Step 2

Manually set the PC IP address to 192.168.2.X

- X range: 2-254
- Subnet mask: 255.255.255.0

Step 3

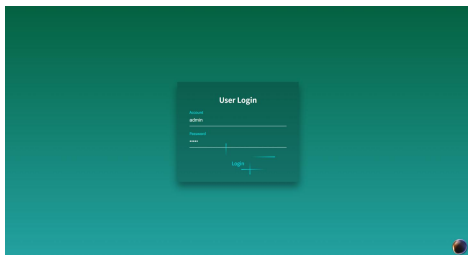
Open a web browser on the PC and enter `http://192.168.2.1` in the address bar, then press Enter.

Step 4

Enter the default login credentials:

- Username: admin
- Password: admin

Click Login to continue.



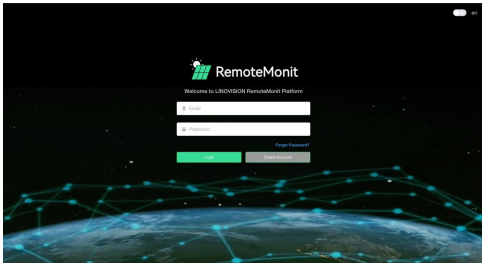
Step 5

After successfully logging in, the switch web management interface is displayed. Configuration can now be performed.

PoE Management Configuration

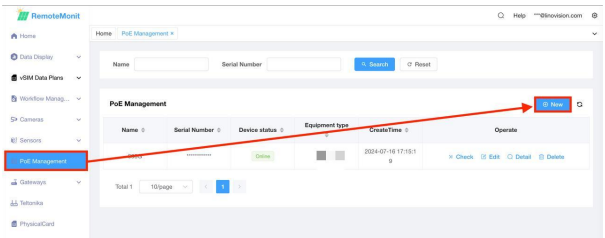
Step 1. Log In to the RemoteMonit Platform

- Open the RemoteMonit platform at <https://remotemonit.com/> and log in to your account.
- If you do not have an account, please register a new one first.



Step 2. Add a New PoE Management

In the left sidebar, navigate to:
PoE Management → + New
to add a new PoE Management.



Step 3. Configure Gateway Information

Fill in the required information as follows:

- Name: The gateway name. This field can be customized.
- Equipment Type: Select the appropriate device model based on your current device.
- Serial Number: The device serial number, available on the product label or the Web interface home page.

The 'New' form contains the following fields:

- * Name: Text input field.
- * Equipment type: Dropdown menu with 'Select' as the placeholder.
- * Serial Number: Text input field.
- Latitude: Text input field.
- Longitude: Text input field.
- Search bar: A dropdown menu with the placeholder text 'Please enter a keyword'.

Step 4. Obtain Cloud Connection Information

On the RemoteMonit platform, open PoE Management and click Detail for the target device.

<input type="checkbox"/>	Name	Serial Number	Device status	Equipment type	CreateTime	Operate
<input type="checkbox"/>	POE-SWR420UR		Online		2025-02-09 16:02:03	Check Edit Detail Log Delete

Record the following information from the Detail page:

- mqttUsername
- mqttPassword
- Publish topic
- Subscribe topic
- Server address
- Port

The 'Detail' form displays the following configuration parameters:

- Name: POE-SWR420UR
- clientId:
- mqttUsername:
- mqttPassword:
- Publish topic:
- Subscribe topic:
- Server address: 44.205.170.12
- Port: 1883

Buttons: Cancel

These parameters will be used for cloud configuration on the PoE switch.

Step 5. Configure Cloud Settings on the PoE Switch

Log in to the PoE switch Web interface and navigate to:
Cloud Settings

Set MQTT Client to Enable.

Enter the cloud parameters obtained in Step 4, then click Apply to save the settings.

Security

Monitoring

PoE Settings

Cloud Settings

Cloud Settings

Tools

Cloud Settings

MQTT Client	Enable	
MQTT Server Ip	0.0.0.0	
MQTT Server Port	1883	(1-65535)
MQTT Server Keepalive	60	(10-300)
MQTT Server Username		(1-32)
MQTT Server Password		(1-64)
MQTT Publish Topic		(1-56)
MQTT Subscribe Topic		(1-56)

Apply

LED Indicator

LED	Color	Function
PWR	Green	Off: No Power supply. Light: Indicates the switch has power.
PoE	Orange	Off: No PoE powered device (PD) connected. Light: There is a PoE PD connected to be port, which supply power successfully.
LNK/ACT	Green	Off: The network is not connected. Steady on: A 10/100/1000Mbps network device is connected. Blinking: Data is being transferred.

Specifications

Mechanical	
Material	Meta
Weight	1.8kg (3.97lb)
Dimension	280x178x44 mm (11.02"x7.01"x1.73")
Number Of Fans	1
Fan Speed	5000
Operating Temperature	0°C to +40°C (32°F to 104°F)
Storage Temperature	-40°C to +70°C (-40°F to 158°F)
Operating Humidity	10% ~ 90% non-condensing
Storage Humidity	5% ~ 90% non-condensing
Interfaces	
Input Power Supply	AC: 100-240 V, 50/60 Hz (5.45 A Max)
Network	16 * 10M/100Mbps RJ45 Port 2 * 1000Mbps Combo Port
Indicator	PWR (Green), LNK/ACT (Green), PoE (Orange)
Standard	IEEE802.3, IEEE802.3i, IEEE802.3u, IEEE802.3x, IEEE802.1q, IEEE802.1p, IEEE802.3af, IEEE802.3at, IEEE802.3bt
Ethernet	
PoE Output Ports	Port 1-4: PoE++, IEEE 802.3af/at/bt Port 5-16: PoE+, IEEE 802.3af/at, Mode A(Pins 1/2[+], 3/6[-])
Power Supply	300 W

Specifications

PoE Power Budget	250 W
Switching Features	
MAC Address Table	8 K
Packet Buffer	4 Mbits
Jumbo Frame	9216 Byte
Switching Capacity	7.2 Gbps
Packet Forward Speed	5.36 Mpps
Environment	
Surge Protection	Differential mode ± 2 KV, Common mode ± 4 KV
Electrostatic Standard	Contact ± 6 KV, Air ± 8 KV
MTBF	>50000 hours