

2-Channel Web Relay Quick Guide

LanPOE

Model:
LP-WR2CH-P

Type:
Web Relay



Quick Guide Overview

- Default IP Address
- Default Username & Password
- Accessing the Device with Access Point Feature
- Changing Default IP Address
- Setting Relay Password
- HTTP URL to Trigger the Relay
- All Parameters

Default IP Address

LanPoE Web Relay's default IP address:

192.168.1.100

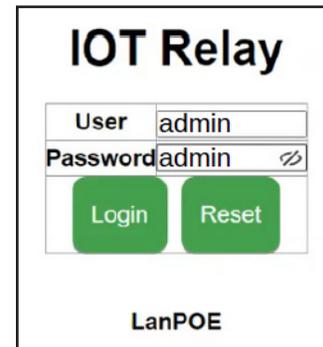
- If your computer or device is in same subnet, you can login to the LanPoE network relay interface by using the default IP address.



Default Username & Password

In order to login to LanPoE network relay's interface, please enter the default username & password.

- Username: **admin**
- Password: **admin**

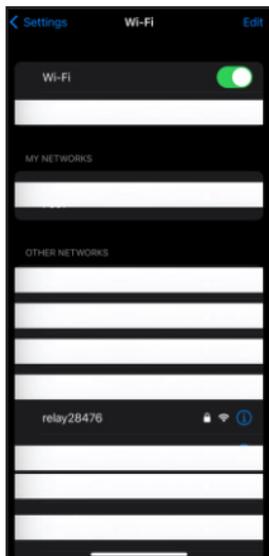


The screenshot shows a login form titled "IOT Relay". It contains two input fields: "User" with the value "admin" and "Password" with the value "admin". The password field has a toggle icon on the right. Below the fields are two green buttons labeled "Login" and "Reset". At the bottom of the form, the text "LanPOE" is displayed.

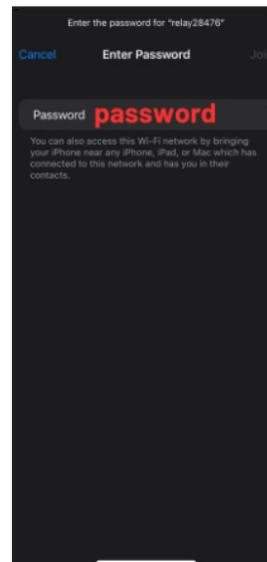
Accessing the LanPoE Web Relay with the Access Point feature

If your computer, tablet, or mobile device is in another subnet, the best and fastest way to access the LanPoE Web Relay is by using the Access Point feature.

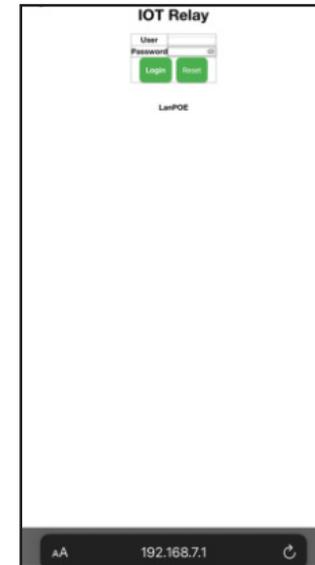
- Step 1**
- Find the relay (serial #) in WiFi network list.



- Step 2**
- Join the network with password "password"



- Step 3**
- Change the URL to "192.168.7.1" in your browser



Changing the default IP Address

The steps presented below will function the same on computer, tablet, or mobile devices.

Step 1 • Navigate to Settings and locate "ETH DHCP"

Step 2 • Change the IP address or toggle "Yes" for DHCP mode

Step 3 • Click save.

HTTP Session	No ▾
HTTP Magic Session ID	12345678
ETH DHCP	Yes ▾
ETH IP	192.168.1.201
ETH Netmask	255.255.255.0
ETH Gateway	192.168.1.1
ETH DNS	192.168.1.1
	0.0.0.0
	0.0.0.0 use DHCP DNS
ETH MAC	ba:34:88:00:6e:65
WiFi Enable	No ▾
WiFi Auth	WPA2 PSK ▾
WiFi DHCP	No ▾
ETH Gateway	192.168.1.1
ETH DNS	192.168.1.1
	0.0.0.0
	0.0.0.0 use DHCP DNS
ETH MAC	ba:34:88:00:6e:65

Setting Relay Password

Step 1 • Navigate to Relay Connect and locate the "Other" section

Step 2 • Change the password. Please note you may only use numbers 0-9999.

The screenshot shows the 'LanPoE IOT Relay' web interface. On the left is a 'Menu' sidebar with options like 'Setting', 'Relay Connect', 'Relay Test', 'Relay Task', 'Input', 'Input Link Relay', 'Input Link URL', 'Input Relay Alias', 'IP WatchDog', 'Transparent Transmission', 'Reset User', 'To Factory', 'Upgrade', 'Reboot', and 'Logout'. The main content area is titled 'Relay' and contains a table of relay configurations:

Channel	Protocol	Addr	Baud	Databits	Stopbits	Parity
RS485	Modbus-RTU	IP	115200bps	8bit	1bit	None
CAN	LanPoE String	ID	Speed	Frame type		
UDP1	LanPoE Binary	Remote Address	Remote Port	Local Port		
UDP2	LanPoE String	Remote Address	Remote Port	Local Port		
TCP Server	Modbus-TCP			Local Port		
TCP Client	Modbus-RTU Over TCP	Remote Address	Remote Port			
MQTT	MQTT					
	Head slash(/)					
	TLS					
	QoS (1 at least once)					
	Retain					
	KeepAlive (s)					

Below the table is an 'Other' section with the following fields:

- Relay Password: 0-9999 (no password) (indicated by a red arrow)
- Keep Alive Second: 30 (0 close)
- Power Failure Recovery Relay: No

At the bottom of the 'Other' section are three buttons: 'Save', 'Relay Test', and 'R1:Off R2:Off'.

HTTP URL to Trigger the Relay

http://192.168.1.xxx/relay_cgi.cgi?type=2&relay=0&on=1&time=5&pwd=&

- Change to the IP address of the LanPoE web relay
- For Triggering Relay #1 = 0
• For Triggering Relay #2 = 1
- Trigger time (seconds)
- Password of the LanPoE web relay

Example

- Device IP Address • 192.168.1.45
- Relay connected to the buzzer • Relay #1
- Relay Security Password • 3452
- Triggering Time • 4 seconds

http://192.168.1.45/relay_cgi.cgi?type=2&relay=0&on=1&time=4&pwd=3452

All Parameters

Parameter	Filled	Data	Comment	
1	CGI API	relay_cgi.cgi	cgi suffix variable, relay_cgi.cgi, relay_cgi.php, relay_cgi.cs, is work ok	
2	type	0/1/2	0 = relay on/off 1 = relay jogging 2 = relay delay	3 = relay flash 4 = relay toggle
3	relay	0-31	0 = Relay #1	1 = Relay #2
4	on	0/1	0 = Off	1 = On
5	time	0 1-255 1-65535	0 = On/Off 0 = Time 1 = Jogging 1~255:time (1=100ms)	2 = delay 1~65535:time (second) 3 = flash 1~255:time (1=100ms)
6	pwd	0-9999	0~9999 Password in current device no respond	

Have a question?

For troubleshooting LanPoE Smart Networking Products, please reach out to our support team and provide detailed information for assistance.

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