

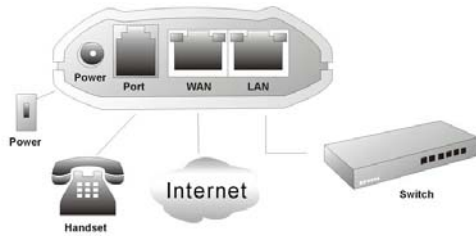
ES-188 Quick Start Guide

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Installation and access:

Installation:

Connected ES-188 as below:



Listen ES-188 IP from the handset:

----pick up the handset;

----enter `#*111#`;

Then the handset will prompt ES-188's IP address.

Modify your computer's IP address to the same network as ES-188.

Key in ES-188's IP address in the web browser and press enter, then you can access ES-188's web manage interface. Remember the account is *admin/admin* for administrator and *guest/guest* for user.

Configure ES-188 to make VoIP calls

WAN Config

Enter **Network** → **WAN Config** to set the WAN setting:

ES-188 supports three different IP types: Static IP, Dynamic obtain IP (DHCP) and PPPoE. You can use either of these IP types to connect the internet.

Active IP	Current Netmask	MAC Address	Current Gateway
192.168.1.66	255.255.255.0	00:09:45:52:8a:1c	192.168.1.1

Mac Authenticating Code: Valid MAC

Static DHCP PPPoE

Static	IP Address	Netmask
	192.168.1.179	255.255.255.0
	Gateway: 192.168.1.1	DNS Domain: <input type="text"/>
	Preferred DNS: 202.96.134.133	Alternate DNS: 202.96.128.68

PPPoE Server	ANY
Username	user123
Password	*****

Apply

Use Static IP:

- Select "Static";
- Enter the ES-188's IP address in the "IP address" field.
- Set the "Netmask", default 255.255.255.0
- Enter the ES-188's upper gateway IP address(for example:Router) in the "Gateway" field
- Key in the DNS information in the "Primary DNS" and "Alter DNS" fields.

Use DHCP:

- Select DHCP
- If you have a DHCP server in your network, ES-188 will automatically obtain the network information from your DHCP server.

Use PPPoE:

- Select PPPoE
 - Type your PPPoE dialup information in the PPPoE setting fields:PPPoE server(option), Username and password.
- Then the ES-188 will connect to the internet through PPPoE , and automatically obtain the 则 IP address , Netmask, Gateway, Primary DNS and Alter DNS information.

SIP Config

VoIP Gateway

Current State

Network

WAN Config

LAN Config

VoIP

SIP Config

Advance

Dial-Peer

Config Manage

Update

System Manage

SIP[Registered] Configuration

Register Server Addr	192.168.1.207	Proxy Server Addr	
Register Server Port	5060	Proxy Server Port	
Register Username	104	Proxy Username	
Register Password	***	Proxy Password	
Domain Realm		Local SIP Port	5060
Phone Number	104	Register Expire Time	60 seconds
Detect Interval Time	60 seconds	RFC Protocol Edition	RFC3261
DTMF Mode	DTMF_RFC2833	User Agent	common
<input checked="" type="checkbox"/> Enable Register		<input type="checkbox"/> Auto Detct Server	
<input checked="" type="checkbox"/> Enable Pub Outbound Proxy		<input type="checkbox"/> Server Auto Swap	

Enter **VoIP** → **SIP Config** setting page and set the sip information

- Register Server Addr : sip server address;
- Register Server Port : sip server register port;
- Register Username : username of your sip account;
- Register Password : password of your sip account;
- Register Number : Phone number of your sip account; the same as username if none
- check Enable Register;
- check Enable Pub Outbound Proxy。

Then you can make VoIP calls if the WAN and SIP config is correct.

Notice: Please go to the “Config Manage” and save the config, otherwise you will lose the setting after device reboot.