

# IPS-ZC4

## Quick SIP Setup Guide



**Note:** If the device cannot obtain an IP address from the DHCP server, it will automatically assign itself the IP address 10.10.10.10 after a few minutes.

### 1. Access the Device via Web Browser:

- Open a web browser and enter the IP address of the device.
- Use the credentials "admin" for both the username and password to log in.

### 2. Navigate to the SIP Settings:

- Once logged in, locate, and click on the "SIP" tab.
- Enter the required SIP credentials:
  - SIP Server IP
  - SIP User ID/Extension
  - SIP Auth ID
  - SIP Auth Password
- If you are employing multiple servers, it is crucial to have Cisco SRST enabled.

## AtlasIED v3.1 Zone Controller

### SIP Settings

Enable SIP operation: ☒

Register with a SIP Server: ☒

Use Cisco SRST: ☐

Primary SIP Server: 192.168.1.45

Primary SIP User ID: 3001

Primary SIP Auth ID: 3001

Primary SIP Auth Password: \*\*\*\*

Backup SIP Server 1:

Backup SIP User ID 1:

Backup SIP Auth ID 1:

Backup SIP Auth Password 1:

Backup SIP Server 2:

Backup SIP User ID 2:

Backup SIP Auth ID 2:

Backup SIP Auth Password 2:

Remote SIP Port: 5060

Local SIP Port: 5060

Outbound Proxy:

Outbound Proxy Port: 0

Disable rport Discovery: ☐

Buffer SIP Calls: ☐

Re-registration Interval (in seconds): 360

Unregister on Boot: ☐

Keep Alive Period: 10000

### Nighthringer Settings

Enable Nighthringer: ☐

SIP Server: 10.0.0.253

Remote SIP Port: 5060

Local SIP Port: 5061

Outbound Proxy:

Outbound Proxy Port: 0

User ID: 241

Authenticate ID: 241

Authenticate Password: \*\*\*\*\*

Re-registration Interval (in seconds): 360

### RTP Settings

RTP Port (even): 10500

Jitter Buffer: 50

### Call Disconnection

Terminate Call after delay: 0

### Codec Selection

Force Selected Codec: ☐

Codec: PCM\_U (G.711, u-law)

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### 3. Save and Reboot:

- Save the settings, then proceed to reboot the device.
- After the reboot, log back in to the device.

### 4. Configure Zones:

- Navigate to the "Zone" tab and select "Configure".
- Enable zones as needed. This device supports up to 4 zones and can manage up to 15 paging groups.

## AtlasIED v3.1 Zone Controller

### SIP Zone Configuration

Enable Multicast Operation: ☐ ?

# ?	Port 1	Port 2	Port 3	Port 4	Address ?	Port ?	Buffered ?
00	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	239.168.3.1	2000	<input type="checkbox"/>
01	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	239.168.3.2	3000	<input type="checkbox"/>
02	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	239.168.3.3	4000	<input type="checkbox"/>
03	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	239.168.3.4	5000	<input type="checkbox"/>
04	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	239.168.3.5	6000	<input type="checkbox"/>
05	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	239.168.3.6	7000	<input type="checkbox"/>
06	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	239.168.3.7	8000	<input type="checkbox"/>
07	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	239.168.3.8	9000	<input type="checkbox"/>
08	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	239.168.3.9	10000	<input type="checkbox"/>
09	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	239.168.3.10	11000	<input type="checkbox"/>
10	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	239.168.3.11	12000	<input type="checkbox"/>
11	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	239.168.3.12	13000	<input type="checkbox"/>
12	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	239.168.3.13	14000	<input type="checkbox"/>
13	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	239.168.3.14	15000	<input type="checkbox"/>
14	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	239.168.3.15	16000	<input type="checkbox"/>

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### 5. Verify Connection to PBX:

- Ensure the device is registered with the PBX by checking the status on the Home tab. Typically, this status is displayed in the bottom left-hand corner.

## AtlasIED v3.1 Zone Controller

### Current Status

Serial Number: 371100009  
Mac Address: 00:02:c1:81:13:8e  
Firmware Version: v11.6.0b05

IP Addressing: DHCP  
IP Address: 192.168.1.240  
Subnet Mask: 255.255.255.0  
Default Gateway: 192.168.1.1  
DNS Server 1: 192.168.1.1  
DNS Server 2:

SIP Mode: Enabled  
Multicast Mode: Disabled  
Event Reporting: Disabled  
Nightringer: Disabled

Primary SIP Server: Registered  
Backup Server 1: Not registered  
Backup Server 2: Not registered  
Nightringer Server: Not registered

### Admin Settings

Username: admin  
Password:  
Confirm Password:

Save Reboot Toggle Help

### Import Settings

Choose File No file chosen

Import Config

### Export Settings

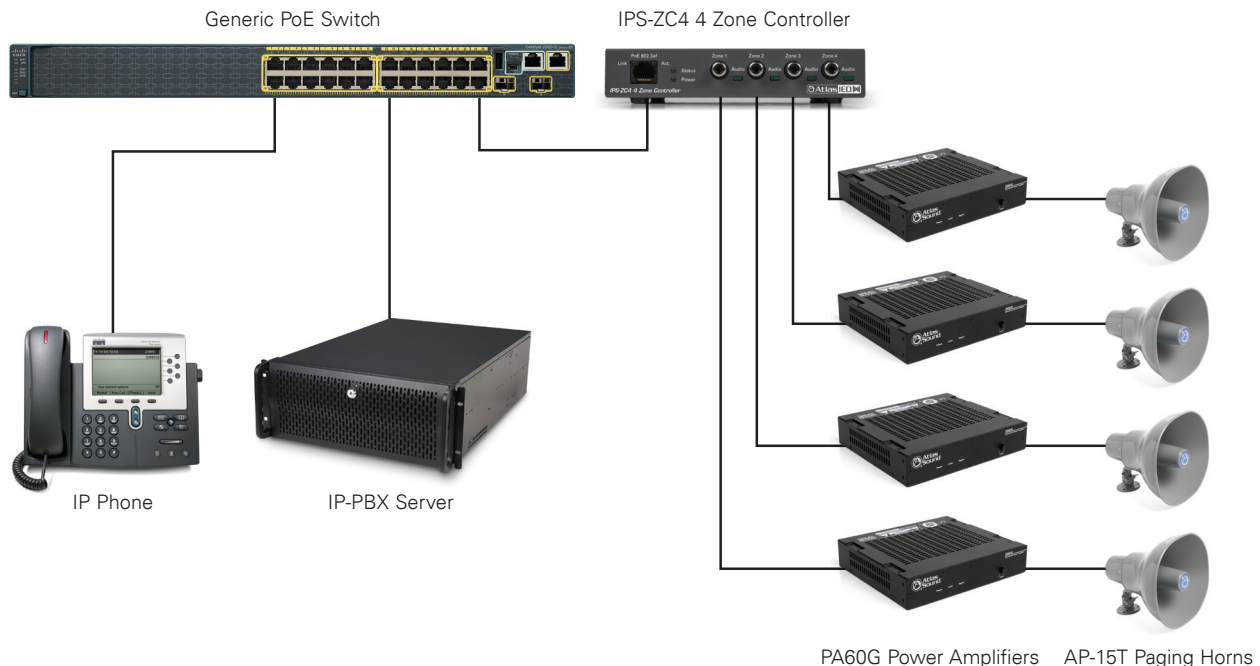
Export Config

Home Device Network SIP Zone Audiofiles Events Autoprovisioning Firmware

### 6. Test Call and Zone Activation:

- To verify the call, dial the extension of the ZC4 and follow the prompts.
  - Enter a 2-digit zone number (00-14).
  - Press 0 to initiate paging.
  - Press 0 – 9 to play stored messages from the Audiofiles section.
- To activate specific zones, dial the extension and follow the prompts from the IVR, typically a 2-digit number as stated in the configured zones.

### Typical Installation



PA60G Power Amplifiers AP-15T Paging Horns