

Smart Panic IP Button (Visible) Installation Guide

IPBTN-VIS



Mounting the Device (Surface Mount Only)

- Remove electrical device assembly from the covered enclosure by removing the two screws on the electrical device mounting plate. Retain these screws for later use with four additional screws provided in packaging.
- This covered enclosure is designed for surface mount only. Choose the best location for easy access by the user, as well as to facilitate network cable routing and connection.
- The network cable can enter the enclosure via either of the threaded ports located at the top or bottom of the enclosure or a hole can be drilled into the back box as required. The top port has been pre-drilled and the included plug can be moved to the bottom of the product if desired.

- Insert the network cable through the enclosure and mount the enclosure with fasteners appropriate for the application's surface through the four holes provided on the enclosure back surface. Use the four holes in the enclosure as a template for marking the mounting surface.

Connect the Device

- Connect the network cable (CAT5 or better) to a PoE (Power over Ethernet) network switch or a PoE injector on a network with a DHCP server.

NOTE: ANetD products require an IEEE 802.3af/at/bt compatible switch or injector to correctly classify and supply the power needed for our devices. Use of non-standard PoE powering schemes (such as 24V passive PoE) may cause damage and void your warranty.

- Connect the RJ-12 cable (6 pin male connector) from the electrical device assembly into the RJ-12 connector on the sensor board within the covered enclosure on the lower right surface.
- Connect the other end of the network cable to the RJ-45 port saver cable on the electrical device assembly.
- Reattach the electrical assembly to the covered enclosure via the included six flathead screws. Avoid trapping/pinching any cables during the cover installation process.

Access the Device

Use one of these ways to access the device:

- Enter the IP address assigned by the DHCP server in your browser.
- Enter the IPv6 link-local address in your browser, formatted as **http://[fe80::2246:f9ff:feXX:XXXX]** (XX:XXXX = last 6 digits of MAC address).
- For ClockWise Campus application users, double-click on the device in the ClockWise Endpoints list to open the web server interface.
- For third-party software applications, consult the respective guide on how to access.

Configuration File Options

The device ships with the following default settings:

- **SIP Mode:** "Button"
- **Push-to-Talk 1 Trigger Only:** "Yes"
- **Send Activations Only:** "Yes"
- **Emergency Indication:** "SIP"
- **Indicate Trying Action:** "Clear"
- **Indicate Success Action:** "Blink"
- **Indicate Unready Action:** "Clear"
- **Indicate Ready Action:** "Set"
- **Indicate Failure Action:** "Clear"

Configuration File Setup

XML

```
<SIPConfig SIP_mode="button"
push_to_talk_ip1_trigger_mode="1"/> <GPIO_callback
send_activations_only="1"/> <Indicate
emergency_server_type="sip" trying_action="clear"
success_action="blink" unready_action="clear"
ready_action="set" failure_action="clear"/>
```

Server type can be "sip" or "http". Use "sip" if registering a device with a SIP server or "http" if registering a device to a non-SIP server. See Operation section below for details.

Indication Type	LED Behavior
Clear	Off
Set	On
Blink	Continuous blinking
Pulse	On 5 seconds, then off

Registered SIP Call Option

Register the Smart Panic IP Button device to a SIP server to call a SIP phone or ring a group and playback a pre-recorded message. See [App Note #48](#) for details.

Configuration File Parameters

SIPConfig tag (values included for example):

XML

```
<SIPConfig push_to_talk_ip1="301"  
mic_replacement_filename="file.wav"/>
```

Device Settings (access via web browser)

- If not using configuration files, go to **Device Settings → SIP**.
- Under **SIP GPIO Input Action Settings**, set **Push-to-Talk 1** to the SIP extension to call and **Mic Replacement Filename** to the audio wav file to playback.
- Select **Save and Apply** to save changes.

Configure the Button

- Complete the configuration by setting up the button to trigger any additional notifications to specific devices or groups of devices. Consult the ClockWise Campus User Manual (available on the Customer Portal www.portal.anetd.com/) or your third-party software guide for further instructions.
- After configuration is complete, the light on the button will illuminate indicating the device is successfully connected and ready for use. If it does not illuminate, re-check the configuration settings or contact our [Technical Support](#) team.
- Test operation before putting into service.

Operation

With the default settings, the following LED states are encountered during operation.

The button LED illuminates when the device is registered to a server and ready for use.

SIP Emergency Indication Mode: Once the button is pressed, and a connection is made to the configured SIP extension, the LED will blink indicating success.

HTTP (Server) Emergency Indication Mode: Once the button is pressed, and communicates to the configured server, the LED will blink indicating success.

The LED success state can only be canceled by a separate Clockwise Campus emergency state clear notification or using SNMP to set the device's emergencyActive OID to "2" (false). This OID value is 1.3.6.1.4.1.39866.3.1.3.27.1.0.

Included are a variety of labels that can be applied to the hood within the covered enclosure. To apply a label, remove the hood with a 3/32" allen wrench (not included) and apply the label that best represents the intended use.

Additional Resources

SIP Configuration: ipspeaker.com/support30/help/settings.html#sip

Support Center: <https://anetd.com/resources/>

Documents: <https://anetd.com/resources/documentation/>

ANetD Warranty: <https://anetd.com/warranty>

ANetD Legal Disclaimer: <https://anetd.com/privacy-policy/>