Indoor IP Strobe Installation Guide

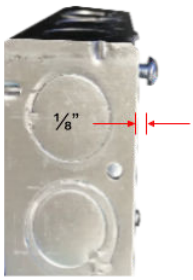
IPSTROBE-I

Installation

Make sure to remove power from the CAT5 cable during installation.

The strobe can mount to a 4″ square junction box as follows:

1. Run CAT5/CAT6 network cable to junction box, and terminate end, leaving about 6″ of slack inside the box.
2. Set heads of junction box screws to protrude with ~1/8″ of space under each head.



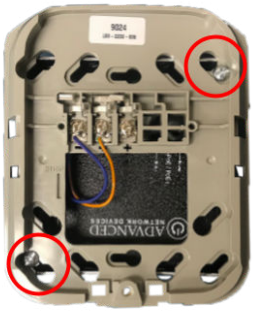
3. Remove strobe and plastic trim bezel from System Sensor box.
4. Set the candela slider on the back of the strobe to the desired brightness level. The selected value will show on the front of the strobe at bottom.

5. Route black and red wires from black IPOMOD module through back of bezel and screw bare wires ends to “-” and “+“ screw terminals respectively.

6. Connect network cable to PoE/PoE+ labeled jack on IPOMOD module. Make sure the network connector snaps into a metal connector receptacle on the module, such that it won't disconnect when gently pulled. Stuff extra network cable back into the junction box cavity to minimize the amount of cable within the cavity.

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.

7. Peel liner off adhesive strip on back of IPOMOD module if desired, and place module into junction box.
8. Attach the bezel to the junction box by placing two of the diagonal slotted holes over the protruding screws. Tighten screws to firmly attach the bezel to the junction box.



9. Slide strobe onto top of bezel and then secure strobe to bezel using screw at bottom of strobe.

Note: If concerned with line performance, contact ANetD Tech Support at tech@anetd.com for a ferrite. Wrap network cable around ferrite once and clamp shut.

Programming / Activation

The *GPIO 0* Output Description comes pre-set to “Strobe”, with *Output 0 Transitions* configured to send an SNMP trap.

If a configuration file is used, add these settings to the GPIO tag:

```xml
<GPIO description_output_gpio0="Strobe"
snmp_trap_for_output_gpio0="1" />
```

The strobe will activate when the device triggers output 0. To activate this output, use ClockWise Campus to directly control the GPIO output of the device within an event or alert, or use any of the other following methods. Note: if using a configuration file, reference the corresponding settings in the Configuration File Reference document on the ANetD Customer Portal.

Audio Broadcasts (Paging/Intercom)

This method requires ClockWise Campus or a third-party software that supports paging to an ANetD device.

In the **Device Settings → Priorities**, set “GPIO 0” to “Yes” in the Message and Audio Priorities section for the priority ranges desired. When sending audio to the strobe within a matching priority range, the strobe will activate. When the audio stream ends, the strobe will turn off. Note: for third-party software that does not support the ANetD priority levels, the priority level defaults to 50.

If using a configuration file:

```xml
<Priorities > <action priority="1-25" gpio0="1" /> <action priority="50" gpio0="1" /> </Priorities>
```

SIP Call
In **Device Settings → SIP**, set a valid *Extension and SIP Server* with which to register. In the SIP *GPIO Output Control Settings section*, set *Activate GPIO 0 During Active Call* to “Yes”. When a SIP phone calls the strobe, the strobe will activate. When the call ends, the strobe will turn off.

If using a configuration file

```xml
<SIPConfig gpio0_when_active_call="1" />
```

SIP Ringing
In **Device Settings → SIP**, set a valid *Extension* and *SIP Server* with which to register. Set the *SIP Mode* to “Phone”. In the *SIP GPIO Output Control Settings* section, set *Activate GPIO 0 When Ringing* to “Yes”. When a SIP phone or ring group calls the strobe’s extension, the strobe will activate. When the ringing stops, the strobe will turn off.

If using a configuration file

```xml
<SIPConfig gpio0_when_ringing="1" />
```

SNMP
SNMP set commands can turn the strobe on and off.
In Device Settings → Network, set the SNMP Write Community name for writing to the device from a MIB browser or other SNMP software. In the SNMP software interface, access gpioOutputControl.1 (OID .1.3.6.1.4.1.39866.3.1.4.11.1.21.1), and set to "1" to turn on the strobe, "0" to turn off the strobe.

You can also use SNMP to monitor the state of the strobe. In **Device Settings → Peripherals**, set *GPIO 0 Output Transitions Send SNMP Trap* to "Yes". On **Device Settings → Network**, add the IP address and community name for a trap manager. The device will now send an SNMP trap to the configured manager when the strobe goes on or off.

If using a configuration file (with nameTBD and 10.10.3.4 provided only as example):

```xml
GPIO snmp_trap_for_output_gpio0="1"/> <SNMP
write_community="nameTBD" read_community="public" >
<TrapManager addr="10.10.3.4" port="162" pdu_version="2"
community="nameTBD"/> </SNMP>
```

Additional Resources
Support Center: https://anetd.com/resources/
Documentation: https://anetd.com/resources/documentation/
ANetD Warranty: https://anetd.com/warranty/
ANetD Legal Disclaimer: https://anetd.com/legal/