

# SIP Paging Amplifier

The SIP Paging Amplifier is a Power over Ethernet (802.3at) VoIP paging device and loud ringer for use in places that need loud paging. It provides an easy method for implementing an IP-based overhead paging system for your existing or new VoIP Phone system.

CyberData's SIP enabled VoIP products are compatible with a vast majority of VoIP systems including SBCs, Gateways, and phone systems both on-premise or cloud-based.



## Features

- Concurrent SIP and multicast paging
- Loud/Night Ringer function - second SIP extension
- Paging Prioritization
- Support for 10 multicast paging groups
- 9 user-uploadable page messages
- Can receive pages directly from Poly phones as well as other devices that can send standard multicast
- Sense input capable of generating events or SIP calls
- Supports delayed pages, i.e. call buffering
- Support for security code to prevent unwanted SIP calls
  
- Support for auxiliary strobe
- Line-in for background music
- Line-out connector
- DTMF controlled relay
- Supports up to two 011471 IP66 Analog Horns or other 8 Ohm speaker
- Network volume control
  
- TLS 1.2 and SRTP enhanced security for IP Endpoints in a local or cloud-based environment
- Autoprovisioning via HTTPS, HTTP or TFTP
- HTTPS web based configuration
- Configurable event generation for device health and status monitoring
- 802.11q VLAN tagging
- HTTPS command interface
- Support for Cisco SRST resiliency

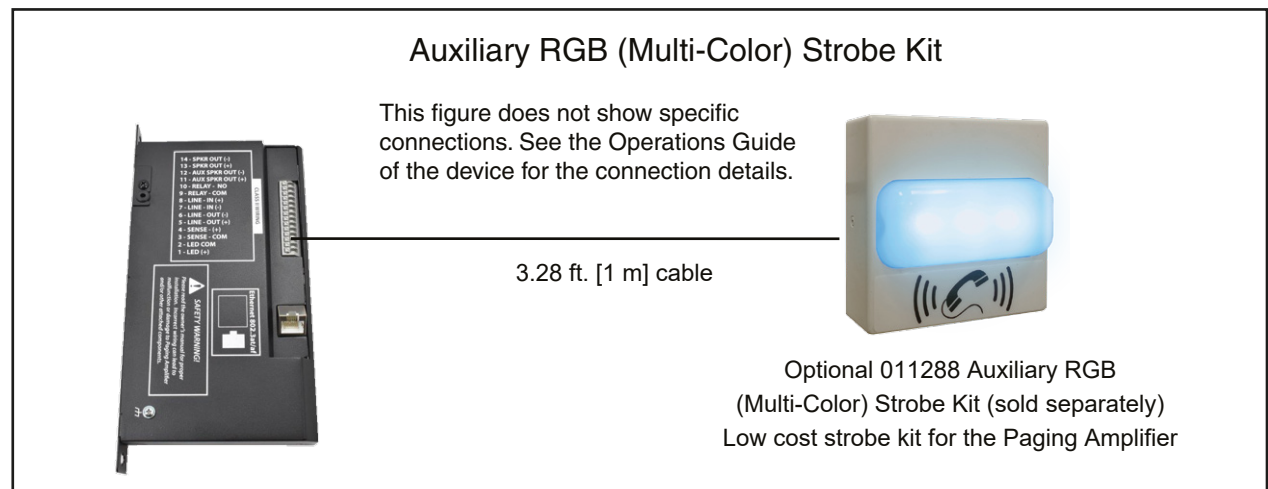
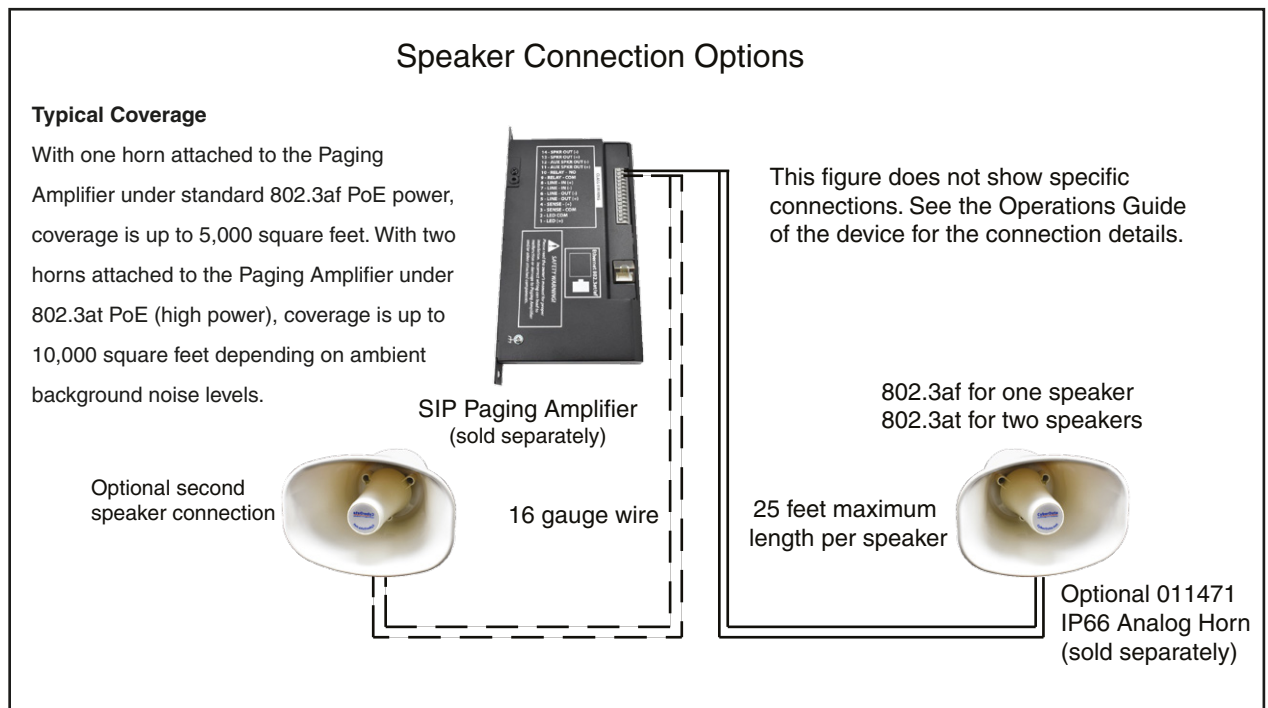
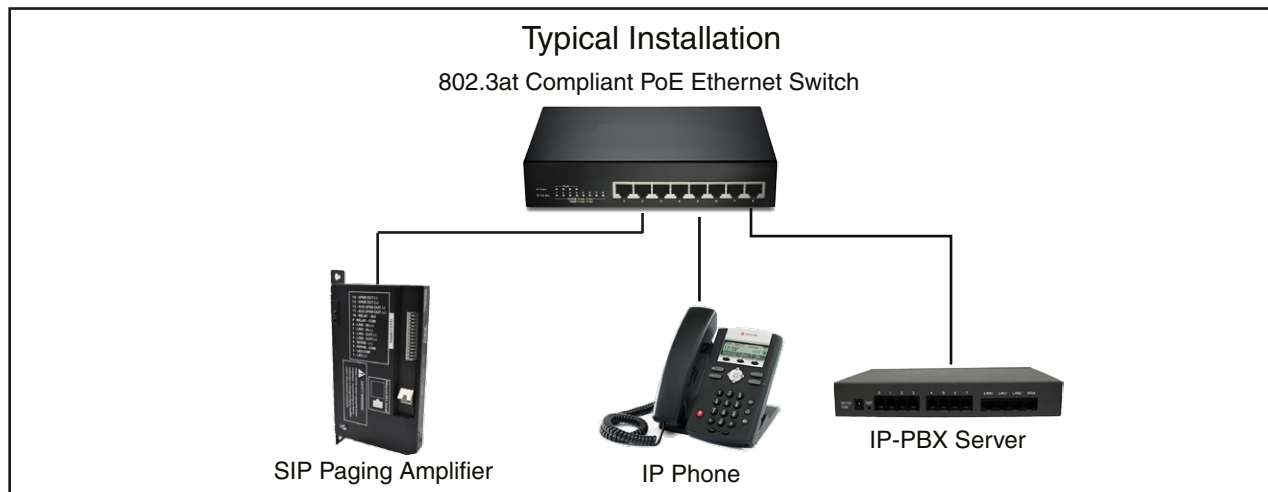
## Specifications

Ethernet I/F	10/100 Mbps
Protocol	SIP RFC 3261 Compatible
Power Input	PoE 802.3at or 802.3af
Audio Output	802.3at: 117.9 (+/- 0.2) dBC @1M and 1kHz* 802.3af: 115.1 (+/- 0.2) dBC @1M and 1kHz*
<b>Line In:</b>	
Input Signal Amplitudes	2.0 VPP maximum
Input Impedance	10k Ohm
<b>Line Out:</b>	
Output Signal Amplitudes	2.0 VPP maximum
Output Level	+2dBm nominal
Total Harmonic Distortion	0.5% maximum
Output Impedance	10k Ohm
On-Board Relay	1A @ 30 VDC
Payload Types	G.711 a-law, G.711μ-law, G.722, and G.729
Network Security	TLS 1.2, SRTP, HTTPS
Operating Range	Temperature: -40° C to 55° C (-40° F to 131° F) Humidity: 5-95%, non-condensing
Storage Temperature	Temperature: -40° C to 70° C (-40° F to 158° F)
Storage Altitude	Up to 15,000 ft. (4573 m)
Dimensions**	1.10 in. [29.0 mm] Length 4.20 in. [107.0 mm] Width 8.50 in. [215.0 mm] Height
Weight	1.27 lbs. [0.57 kg]
Boxed Weight	2.0 lbs. [0.90 kg]
Compliance	CE: EMC Directive – Class A EN 55032 & EN 55024, LV Safety Directive – EN 62368-1; RoHS Compliant; FCC Part 15 Class A; Industry Canada ICES-3 Class A; IEEE 802.3 Compliant; TAA Compliant
Warranty	2 Years Limited
Part Number	011324

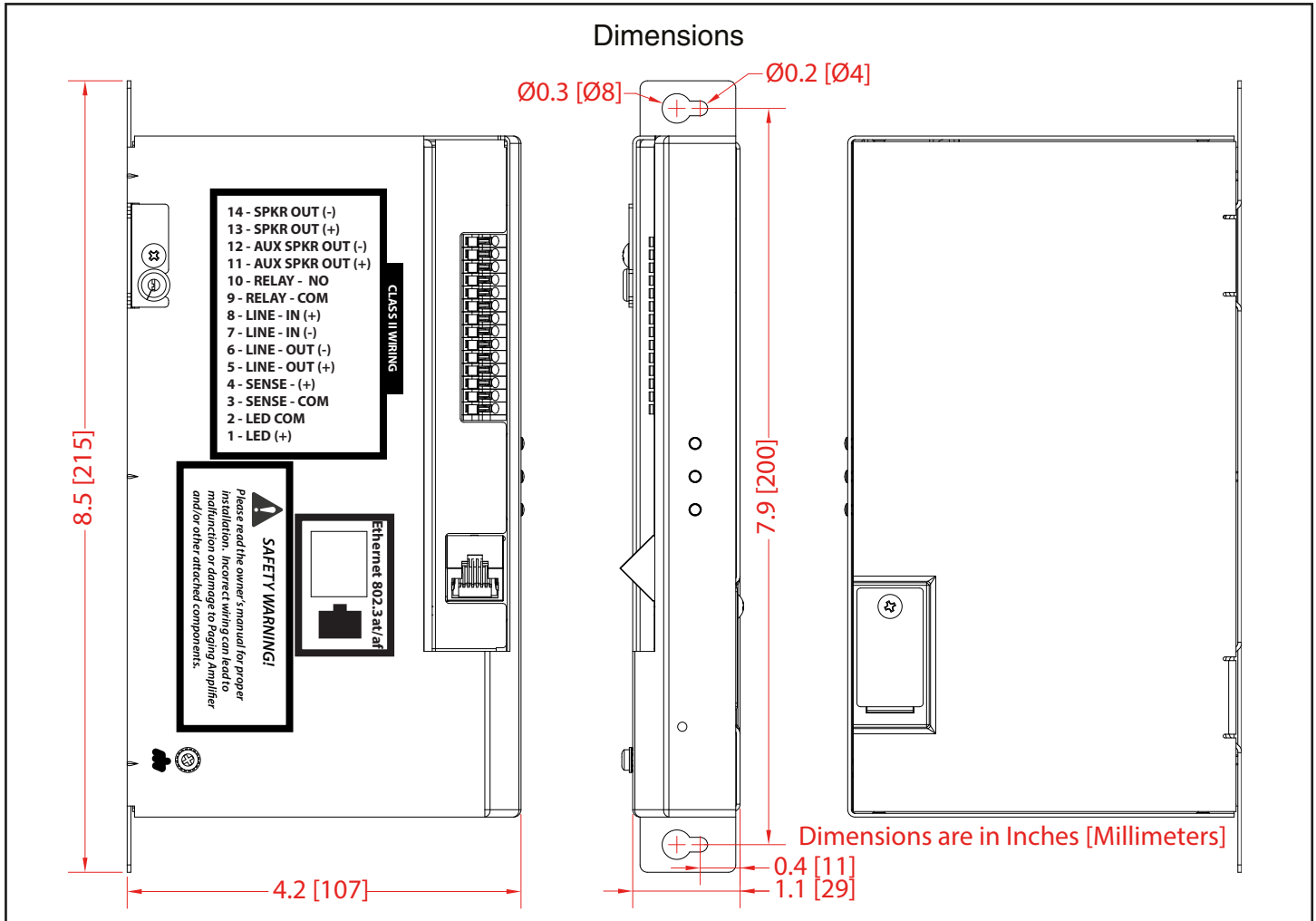
\*When used with the optional 011471 IP66 Analog Horn (sold separately).

\*\*Dimensions are measured from the perspective of the product being upright with the front of the product facing you.

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## Related Products:

### Audio and Visual Alerting



011471 IP66 Analog Horn



011457 SIP IP66 Outdoor Horn



011288 Auxiliary RGB (Multi-Color) Strobe Kit



011376 SIP RGB (Multi-Color) Strobe

### Paging Devices



011124 PoE Power Injector 802.3at



011405 SIP Loudspeaker Amplifier (PoE)



011146 SIP Paging Server with Bell Scheduler