

SIP Paging Server with Bell Scheduler

CyberData

The IP Endpoint Company

The SIP Paging Server with Bell Scheduler enables users, through a single SIP extension, to access up to 100 zones for paging and bell scheduling for VoIP phone systems.

The SIP Paging Server has a built-in calendar-based bell scheduler that enables, through a secure web interface, scheduled bells and prerecorded messages to be sent to different multicast zones as well as to legacy analog paging systems.

The SIP Paging Server can support a network of up to 100 CyberData WiFi Alert Buttons*, each of which can generate an event and appropriate mass notification response.

Perfect for schools, universities, manufacturing or any environment where scheduled bells and zone paging are paramount.

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

- Over a GB of available space for user uploaded audio: up to 135 files for stored messages, bells, and other audio created by the user
- Calendar-based bell scheduler supporting multiple schedule files and time-based recurring event management
- Supports call-in stored message recording
- Voice prompting and password controlled zones
- Supports 100 paging groups accessed via DTMF
- Paging Prioritization
- Loud/Night Ringer function - second SIP extension
- Supports user-uploadable ring and alert tones, with the option to send a stored message with each of the 100 page groups
- Supports delayed pages, i.e. call buffering
- Support for security code to prevent unwanted SIP calls
- Supports multiple user accounts, with distinct log in credentials
- Can send multicast to all Poly channels
- Supports a network of up to 100 CyberData WiFi Alert Buttons* which can generate an event and appropriate mass notification response

- Fault sense input
- Line-in for background music
- Line-out connector
- NTP-based internal clock
- Audio-controlled onboard relay for amplifier mute control
- Rack mountable

- TLS 1.2 and SRTP enhanced security for IP Endpoints in a local or cloud-based environment
- HTTP command interface
- HTTPS web based configuration
- Support for Cisco SRST resiliency
- Autoprovisioning via HTTPS, HTTP or TFTP
- Configurable event generation for device health and status monitoring
- 802.11q VLAN tagging



Specifications

Ethernet I/F	10/100 Mbps
Protocol	SIP RFC 3261 Compatible
Power Input	PoE 802.3af or 48 VDC (not included)

Line In:

Input Signal Amplitudes	2.0 VPP maximum
Input Impedance	10k Ohm

Line Out:

Output Signal Amplitudes	2.0 VPP maximum
Output Level	+2dBm nominal
Total Harmonic Distortion	0.5% maximum
Output Impedance	10k Ohm

Page Port Output	Balanced 600 Ohm 5VPP
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Payload Types	G.711 a-law, G.711μ-law, G.722, and G.729
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Network Security	TLS 1.2, SRTP, HTTPS
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Operating Range	Temperature: -40° C to 55° C (-40° F to 131° F) Humidity: 5-95%, non-condensing
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Storage Temperature	-40° C to 70° C (-40° F to 158° F)
Storage Altitude	Up to 15,000 ft. (4573 m)

Dimensions*	6.11 inches [155.19 mm] Length 4.05 inches [102.87 mm] Width 1.15 inches [29.21 mm] Height
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Weight	1.2 lbs. [.54 kg]
Boxed Weight	1.8 lbs. [.82 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
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Warranty	2 Years Limited
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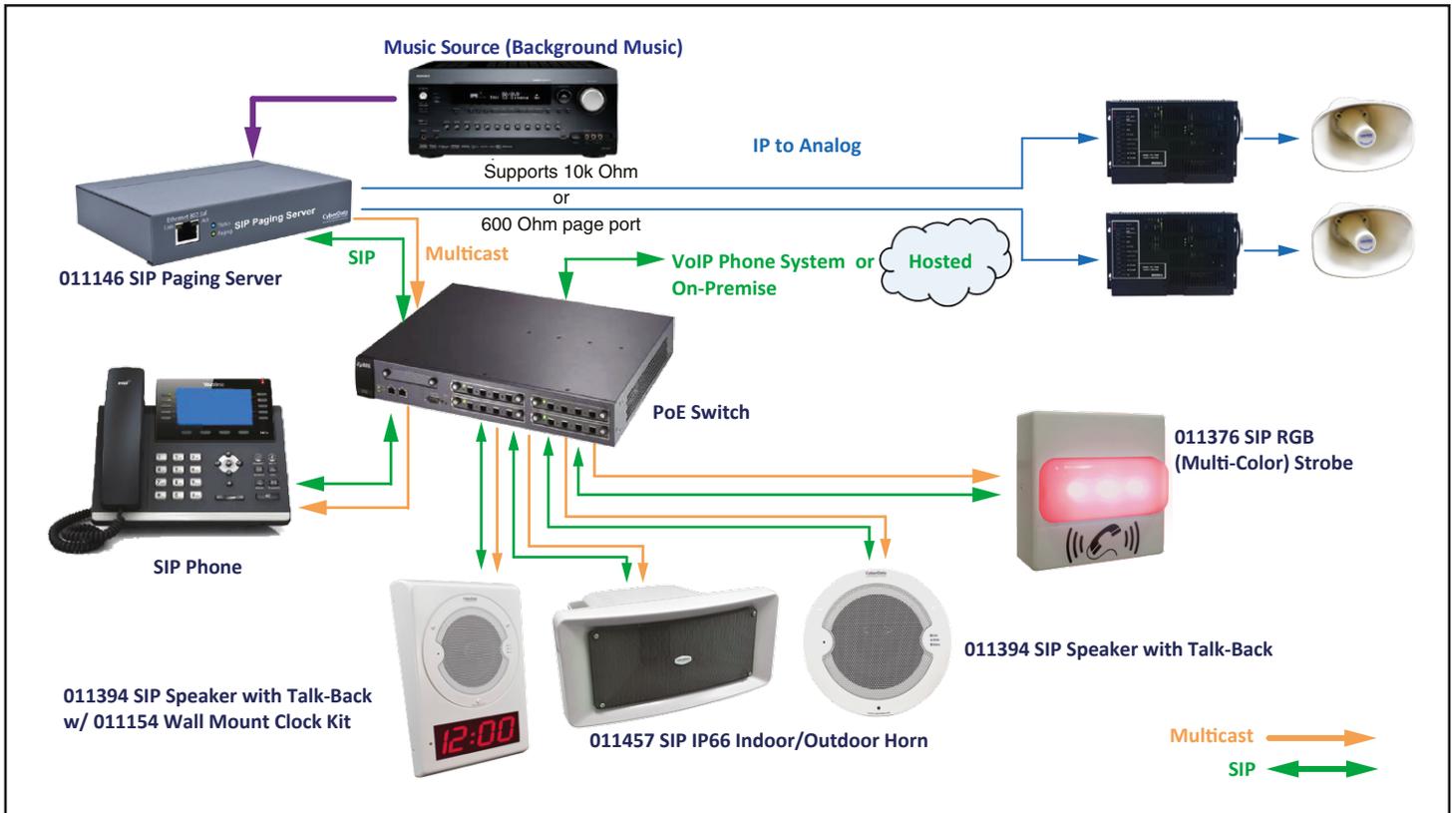
Part Number	011146
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*Dimensions are measured from the perspective of the product being upright with the front of the product facing you.

* The Paging Server supports up to 100 buttons, but network infrastructure could impact the number of attached devices

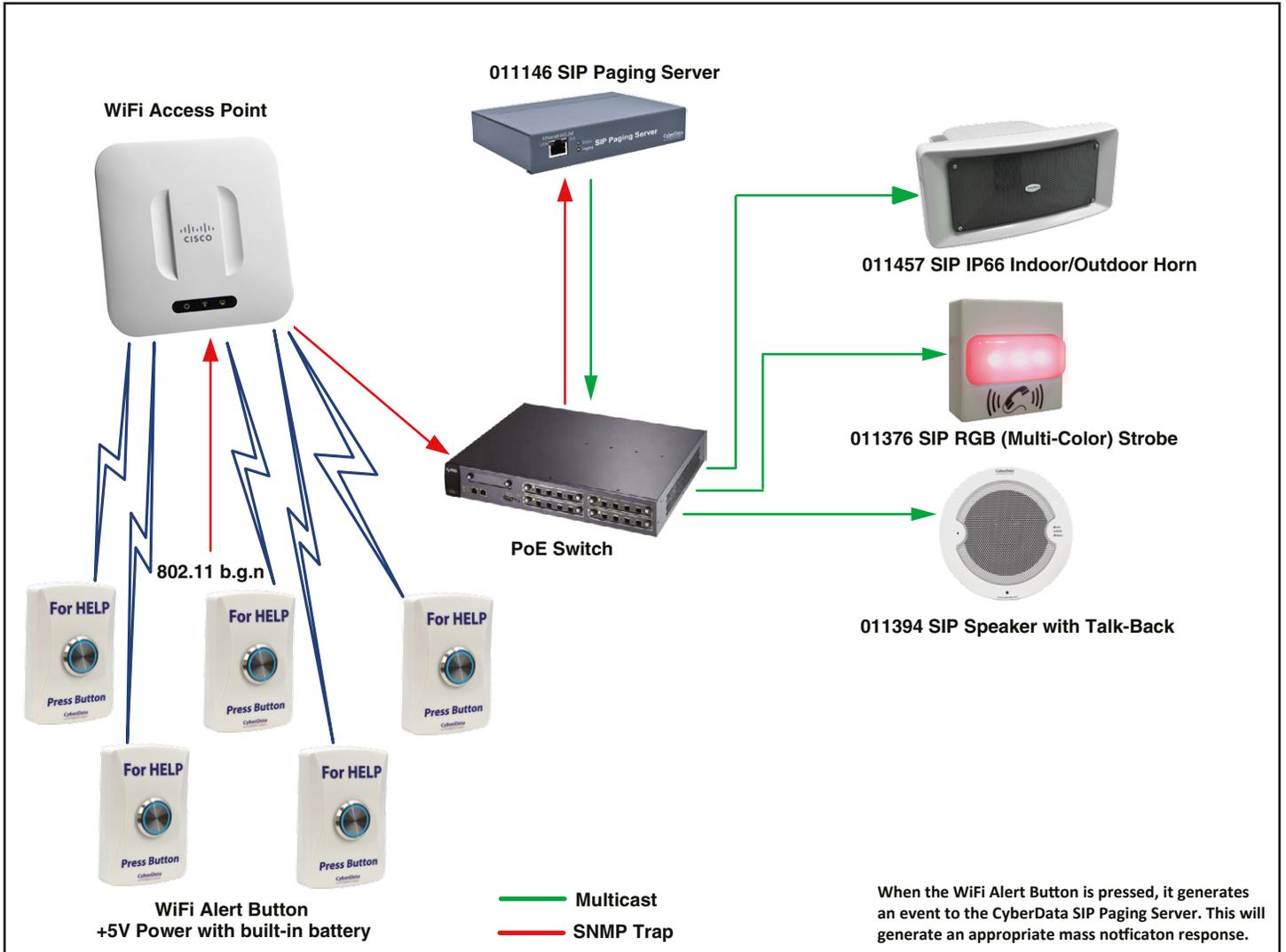
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Typical Installation

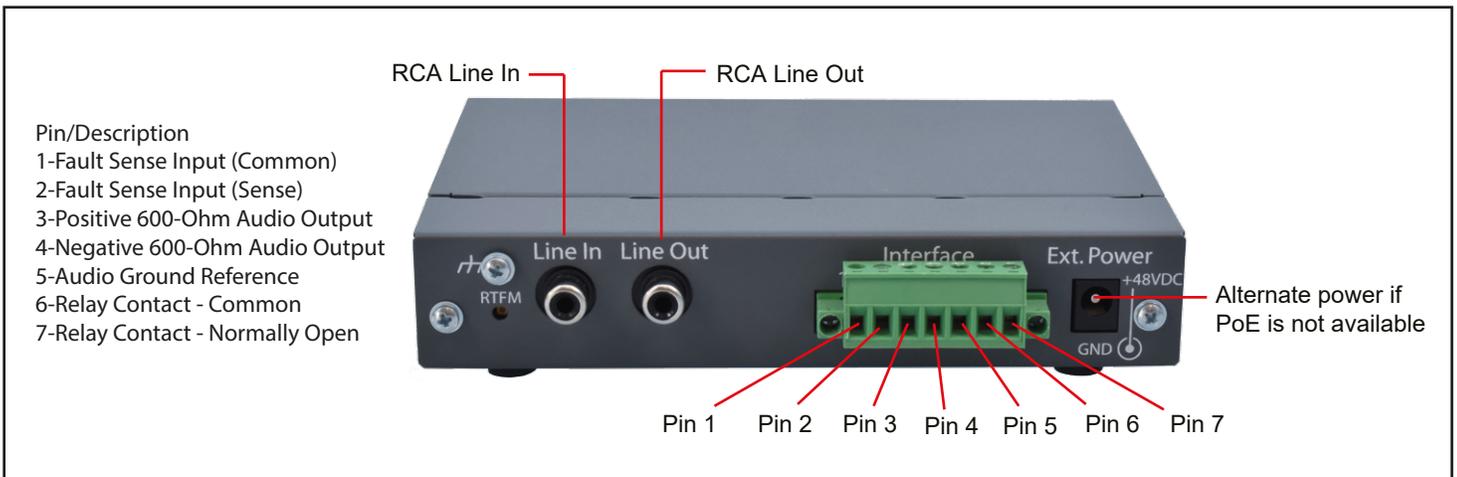


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Typical Installation with WiFi Alert Button Network

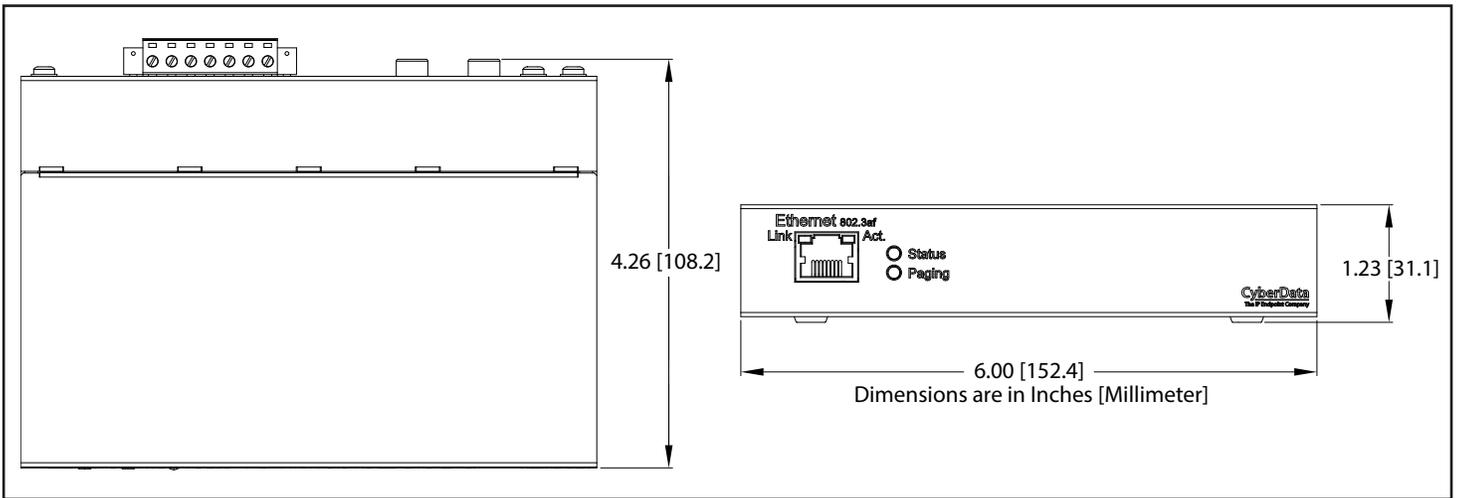


Connections

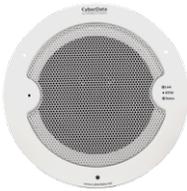


SIP Paging Server with Bell Scheduler

Dimensions



Related Products:



011394 SIP Speaker with Talk-Back



011457 SIP IP66 Indoor/Outdoor Horn



011376 SIP RGB (Multi-Color) Strobe



011511 VoIP SIP/Multicast Ceiling Mount Speaker



011527 WiFi Alert Button



011512 VoIP SIP/Multicast Wall Mount Speaker