SIP Paging Server with Bell Scheduler

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 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.

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

- Up to 25 unique user uploadable bell files that can be used in up to 250 scheduled events
- Up to 25 stored messages can be played through paging groups
- Voice prompting and password controlled zones
- DTMF control of zone selection
- 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 with call buffering
- Support for security code to prevent unwanted SIP calls
- Can send multicast to Poly phones

- Fault sense input
- Line-in for background music
- Line-out connector
- NTP-based internal clock
- DTMF controlled relay/remote amplifier enable
- DTMF pass-through
- Rack mountable

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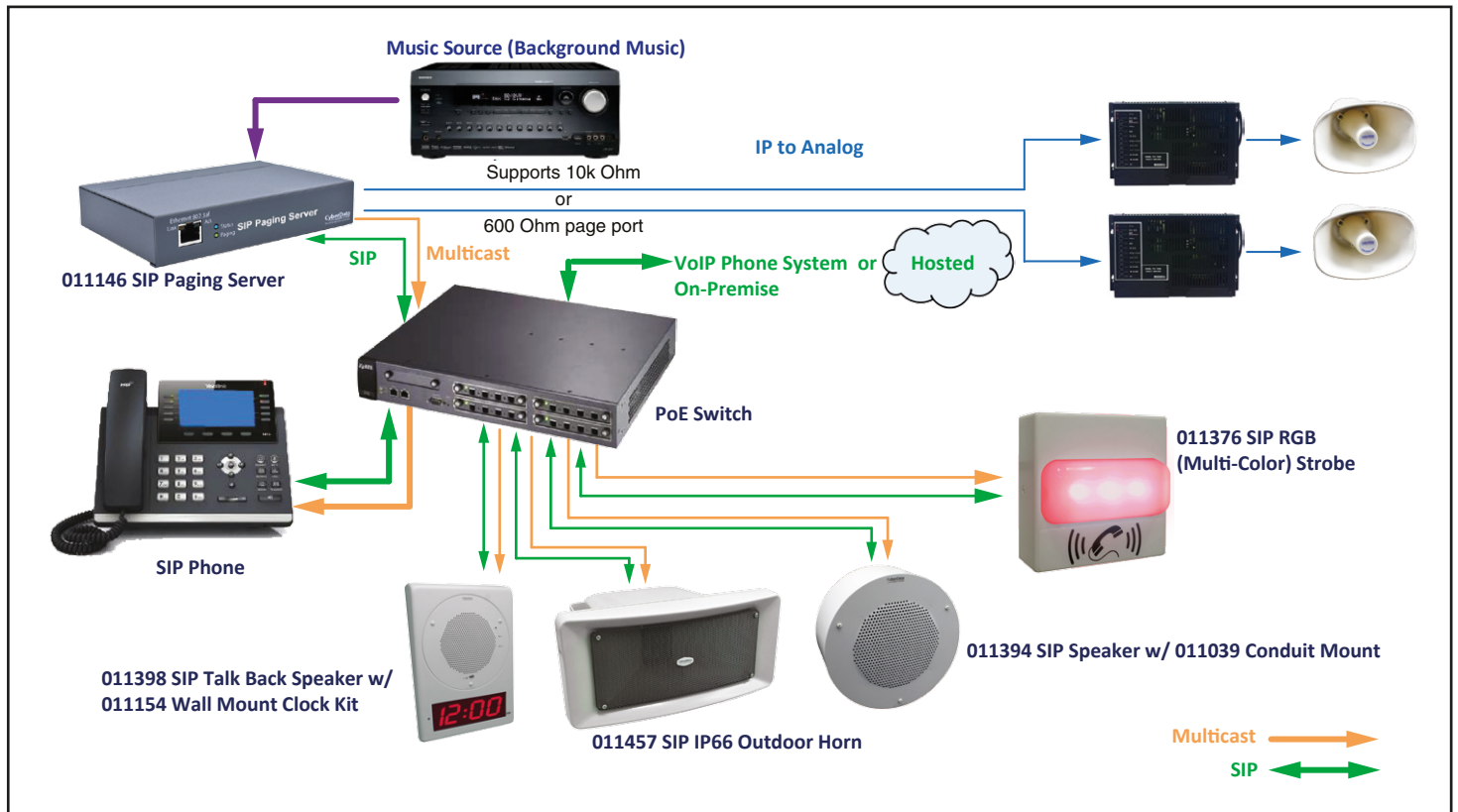- 802.11q VLAN tagging

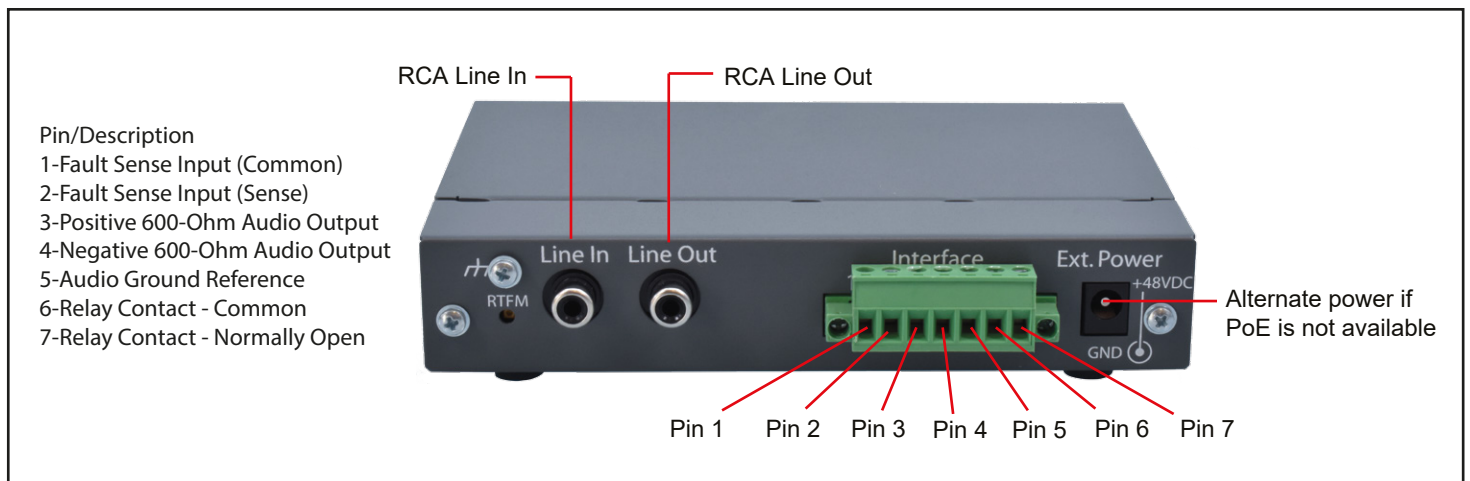| Specifications	
Ethernet I/F	10/100 Mbps
Protocol	SIP RFC 3261 Compatible
Power Input	PoE 802.3af or 48 VDC (not included)
Line In: Input Signal Amplitudes Input Impedance	2.0 VPP maximum 10k Ohm
Line Out: Output Signal Amplitudes Output Level Total Harmonic Distortion Output Impedance	2.0 VPP maximum +2dBm nominal 0.5% maximum 10k Ohm
Page Port Output	Balanced 600 Ohm 5VPP
Payload Types	G.711 a-law, G.711μ-law, G.722, and G.729
Network Security	TLS/SSL 1.2 and SRTP
Operating Range	Temperature: -40⁰ C to 55⁰ C (-40⁰ F to 131⁰ F) Humidity: 5-95%, non-condensing
Storage Temperature Storage Altitude	-40⁰ C to 70⁰ C (-40⁰ F to 158⁰ F) 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
Weight Boxed Weight	1.2 lbs. [.54 kg] 1.8 lbs. [.82 kg]
Compliance	CE; EMC Directive – Class A EN 55032 & EN 55024, LV Safety Directive – EN 60950-1 and EN 62368-1, RoHS Compliant, FCC; Part 15 Class A, Industry Canada; ICES-3 Class A, IEEE 802.3 Compliant
Warranty	2 Years Limited
Part Number	011146

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

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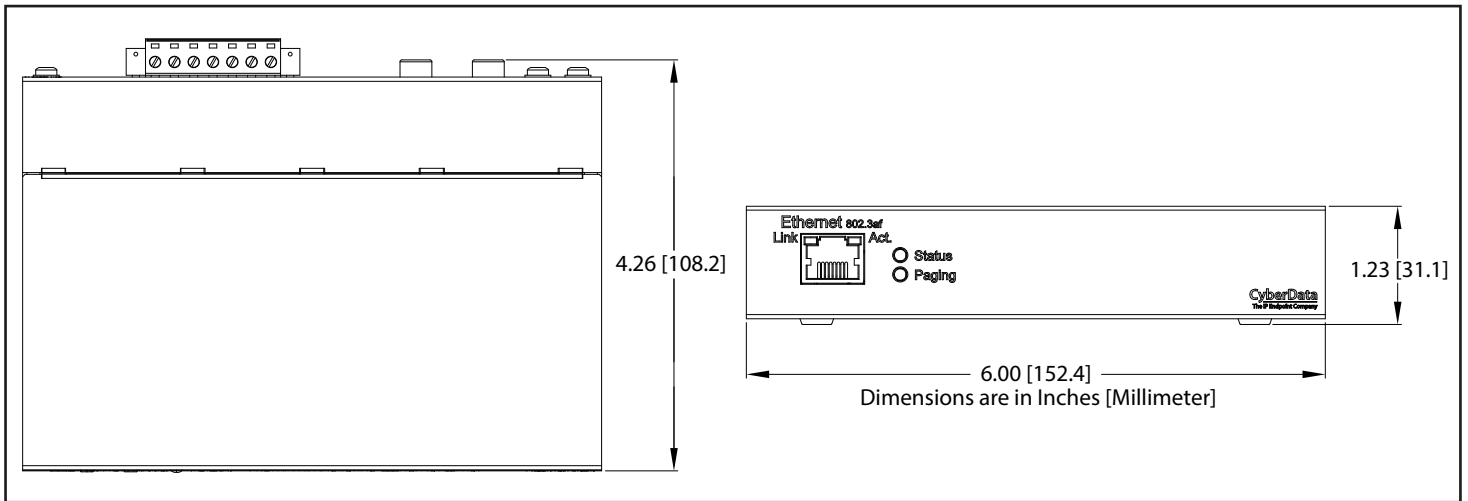
Typical Installation

Music Source (Background Music)

IP to Analog

Supports 10k Ohm
or
600 Ohm page port

011146 SIP Paging Server

SIP   **Multicast**

VoIP Phone System or   **Hosted**
On-Premise

PoE Switch

**011376 SIP RGB
(Multi-Color) Strobe**

SIP Phone

011394 SIP Speaker w/ 011039 Conduit Mount

**011398 SIP Talk Back Speaker w/
011154 Wall Mount Clock Kit**

011457 SIP IP66 Outdoor Horn

Multicast ⟶

SIP ⟷

Connections

RCA Line In   RCA Line Out

Pin/Description
1-Fault Sense Input (Common)
2-Fault Sense Input (Sense)
3-Positive 600-Ohm Audio Output
4-Negative 600-Ohm Audio Output
5-Audio Ground Reference
6-Relay Contact - Common
7-Relay Contact - Normally Open

Line In   Line Out   Interface   Ext. Power
                                               +48VDC
RTFM   GND

Alternate power if
PoE is not available

Pin 1   Pin 2   Pin 3   Pin 4   Pin 5   Pin 6   Pin 7

SIP Paging Server with Bell Scheduler

Dimensions

4.26 [108.2]

Ethernet 802.3af
Link Act.
○ Status
○ Paging

CyberData
The IP Endpoint Company

1.23 [31.1]

6.00 [152.4]
Dimensions are in Inches [Millimeter]

Related Products:

011394 SIP Speaker

011457 SIP IP66 Outdoor Horn

011093 1U Server Rack Mount

011376 SIP RGB (Multi-Color) Strobe