InformaCast® Enabled Paging Adapter

The CyberData InformaCast® Enabled Paging Adapter is for use with Singlewire's InformaCast paging and emergency notification software. The Paging Adapter provides a direct connection to legacy analog paging systems enabling Informa-Cast paging events to be broadcast.

Features

- Compatible with Singlewire InformaCast v12.1, including support for downloading SIP credentials from InformaCast
- Supports Singlewire InformaCast High Quality Audio
- Capable of receiving Singlewire InformaCast, SIP, and multicast messages
- Support for InformaCast resiliency
- Support for Cisco SRST resiliency

- Compatible with most analog amplifiers in the market
- Supports audio prioritization, including 10 multicast paging groups
- Loud/Night Ringer function - second SIP extension
- 9 user-uploadable page messages
- Supports delayed pages with call buffering
- Support for security code to prevent unwanted SIP calls
- 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

- Built-in diagnostics
- Line-in for background music
- Line-out connector
- Remote amp fault sensor
- Audio controlled relay/remote amplifier enable
- DTMF entries for analog paging zones
- Rack mountable

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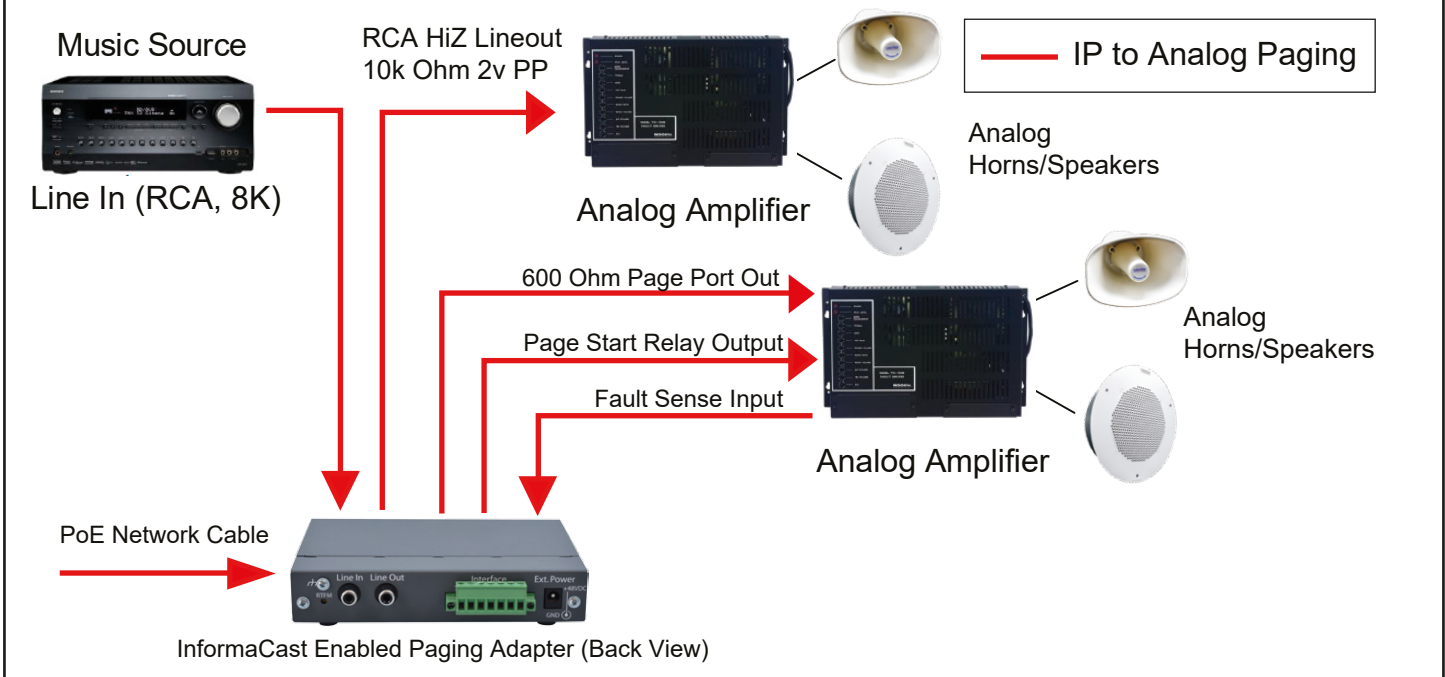- 802.11q VLAN tagging
- HTTP command interface

Specifications

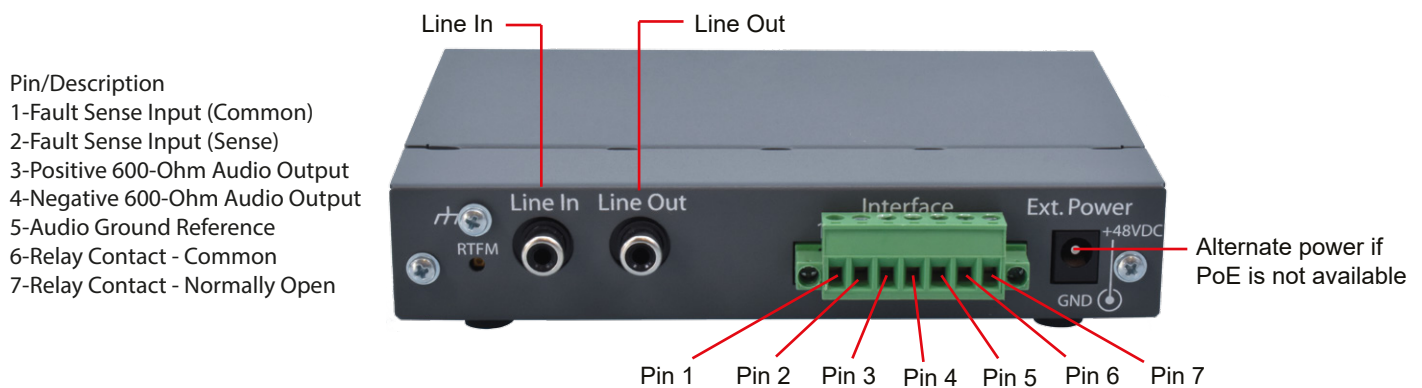|	
Ethernet I/F	10/100 Mbps
Protocol	SIP RFC 3261 Compatible
Notification Software	Singlewire InformaCast v4.0 and above
Power Input	PoE 802.3af or 48 VDC
Line In:	
Input Signal Amplitudes	2.0 VPP maximum
Input Impedance	10k Ohm
Line Out:	
Output Signal Amplitudes	2.0 VPP maximum
Output Level	+2dBm nominal
Total Harmonic Distortion	0.5% maximum
Output Impedance	10k Ohm
Page Port Output	Balanced 600 Ohm 5VPP
Payload Types	G.711 a-law, G.711µ-law, G.722, and G.729
Network Security	TLS 1.2 (including mutual authentication) and SRTP
Operating Range	Temperature: -40^0 C to 55^0 C (-40^0 F to 131^0 F) Humidity: 5-95%, non-condensing
Storage Temperature Storage Altitude	-40^0 C to 70^0 C (-40^0 F to 158^0 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 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	011280

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

InformaCast® Enabled Paging Adapter

Typical Configuration

Music Source

Line In (RCA, 8K)

RCA HiZ Lineout
10k Ohm 2v PP

IP to Analog Paging

Analog Amplifier

Analog Horns/Speakers

600 Ohm Page Port Out

Page Start Relay Output

Fault Sense Input

Analog Amplifier

Analog Horns/Speakers

PoE Network Cable

InformaCast Enabled Paging Adapter (Back View)

Connections

Line In

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
RTFM   +48VDC

Alternate power if
PoE is not available

GND

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

InformaCast® Enabled Paging Adapter

Dimensions

4.26 [108.2]

Ethernet 802.3af
Link   Act.
○ Status
○ Paging

InformaCast Enabled
Paging Adapter

CyberData
The IP Endpoint Company

1.23 [31.1]

6.00 [152.4]
Dimensions are in Inches [Millimeter]
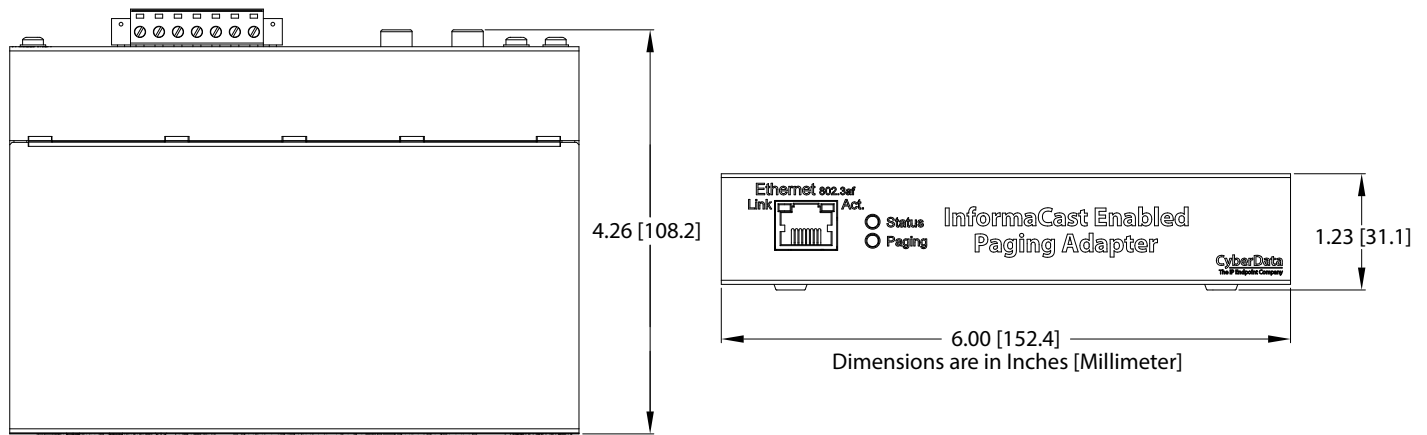
Related Products:

011093 1U Server Rack Mount