

InformaCast® Enabled Talk-Back Speaker

CyberData

The IP Endpoint Company

The CyberData InformaCast Enabled Talk-Back Speaker enables two-way conversations, either through downloading SIP credentials from Singlewire InformaCast v12.1, or through an IP-PBX. Enhanced full and half duplex audio settings can be configured to meet the specific needs of your installation.

The InformaCast Enabled Talk-Back Speaker easily connects into local area networks with a single CAT5/6 cable from your PoE switch. Its small footprint allows the speaker to be installed almost anywhere with multiple mounting options available.



Features

- Full duplex audio with configurable echo cancelling
- Adaptive half duplex audio with configurable VOX (Voice Operated Switch) settings
- Half duplex push to talk audio from the phone side using the phone's keypad or from the speaker side using CyberData's Remote Call Button
- Audio health check to verify hardware performance that can be scheduled or launched manually
- Supports a Monitor Mode

- Dual registration for InformaCast and SIP
- Supports Singlewire InformaCast High Quality Audio
- Simultaneous InformaCast, SIP and multicast
- Support for Cisco SRST resiliency

- Supports user-uploadable ring and alert tones, and up to ten stored messages
- 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
- Loud/Night Ringer function - second SIP extension
- Support for 10 multicast paging groups with prioritization

- Can drive one external analog speaker for greater coverage
- DTMF-controlled relay
- Line-out connection
- Network and manual speaker volume control

- TLS 1.2 and SRTP enhanced security for IP Endpoints in a local or cloud-based environment
- Autoprovisioning via HTTP, HTTPS, or TFTP
- HTTPS or HTTP web based configuration. HTTPS is enabled by default.
- 802.11q VLAN tagging
- Configurable event generation for device health and status monitoring
- Web-based upgradeable firmware
- Support for multiple SIP servers for redundancy

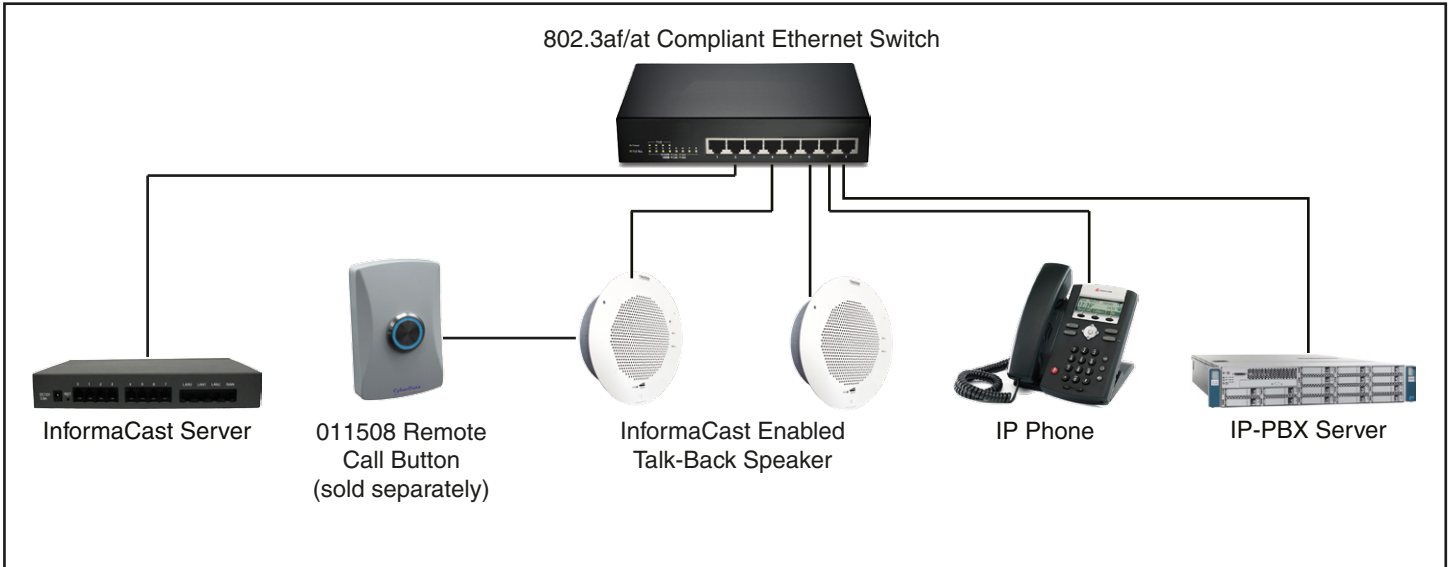
Specifications

Ethernet I/F	10/100 Mbps
Protocol	SIP RFC 3261 Compatible
Notification Software	Singlewire InformaCast v4.0 and above
Power Input	PoE 802.3af/802.3at compliant or 24VDC @ 1A Auxiliary Power Supply (not included)
Audio Output	802.3af - SPL 103 dB @ 1 meter 802.3at - SPL 105 dB @ 1 meter
On-Board Relay	1A @ 30 VDC
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: -40° C to 55° C (-40° F to 131° F) Humidity: 5-95%, non-condensing
Storage Temperature	-40° C to 70° C (-40° F to 158° F)
Storage Altitude	Up to 15,000 ft. (4573 m)
Dimensions*	9 in. [228.6 mm] Grill Diameter 7.25 in. [184.2 mm] Can Diameter 2.4 in. [60.96 mm] Can Depth
Weight	3.0 lbs [1.36 kg]
Boxed Weight	4.0 lbs. [1.81 kg]
Compliance	CE; EMC Directive – Class A EN 55032 & EN 55024, LV Safety Directive – EN 60950-1, RoHS Compliant, FCC; Part 15 Class A, Industry Canada; ICES-3 Class A, IEEE 802.3 Compliant
Warranty	2 Years Limited
Part Number/Color	011400/RAL 9003 (Signal White)

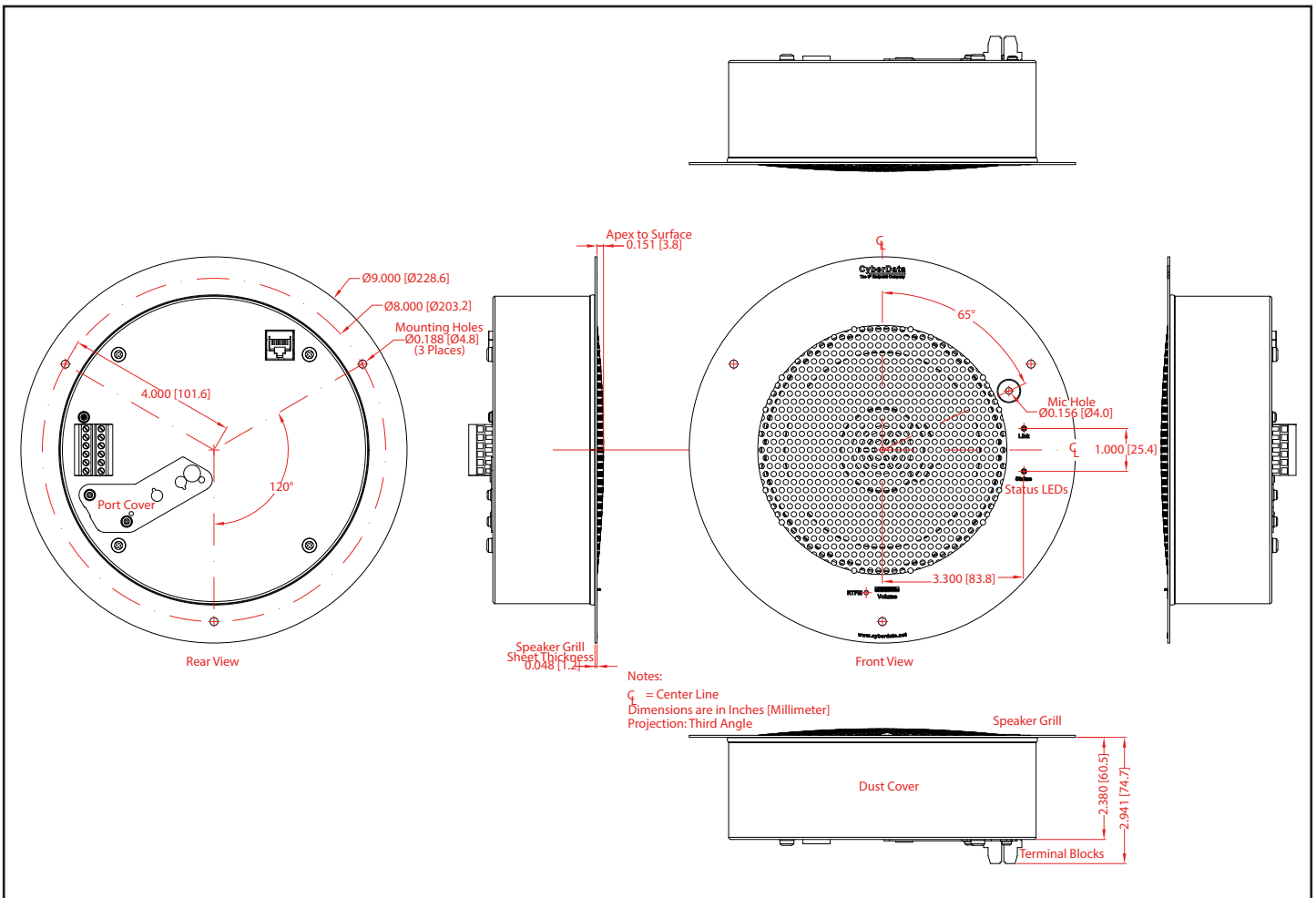
*Dimensions are measured from the perspective of the product being upright with the front of the product facing you.

InformaCast Enabled Talk-Back Speaker

Typical Installation



Dimensions



InformaCast Enabled Talk-Back Speaker

Related Products

Mounting Hardware



010991 Ceiling Mount



011039 Conduit Speaker Mount



011152 Speaker Wall Mount



011154 Wall Mount Clock Kit

Speaker and Paging Accessories



011508 Remote Call Button



011121 Auxiliary Analog Speaker



011201 Ceiling Tile Auxiliary Analog Drop-In Speaker



011288 Auxiliary RGB (Multi-Color) Strobe Kit