# SIP Hand Wave Indoor Intercom

**CyberData**
The IP Endpoint Company

The SIP Hand Wave Indoor Intercom is a **gesture-activated** device delivering **touch-free** two-way communication and secure access control for your VoIP phone system.

**Activated by a hand wave**, this device is ideal for high-traffic settings such as medical facilities, commercial/residential facilities, schools and universities, retail establishments, warehouses, and manufacturing plants.

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

- Full duplex audio with enhanced acoustic echo cancelling
- Simultaneous SIP and multicast
- Supports user-uploadable ring and alert tones
- Loud/Night Ringer function - second SIP extension
- Can receive pages directly from Poly phones as well as other devices that send standard multicast

- **Touchless activation** reduces spread of infectious diseases
- Distance for hand wave activation can be set for 2,4,or 6 inches
- DTMF-controlled dry relay contact for auxiliary control
- Door closure and tamper alert signal
- Network volume control
- Supports Auxiliary Strobe Kit for visual notification
- Easy-to-clean stainless steel faceplate
- Flush mounting offers a clean streamlined installation

- 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.
- Configurable event generation for device health and status monitoring
- 802.11q VLAN tagging
- Web-based upgradeable firmware
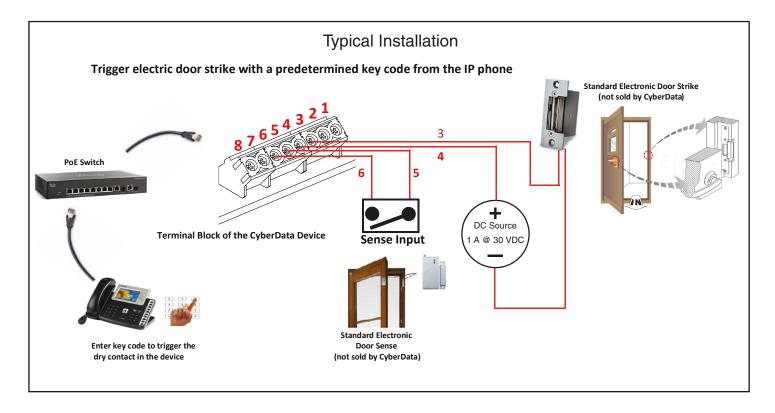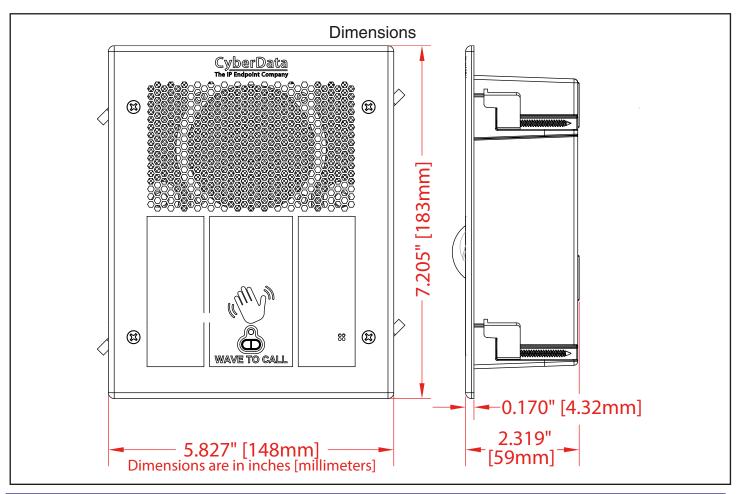- Support for Cisco SRST resiliency

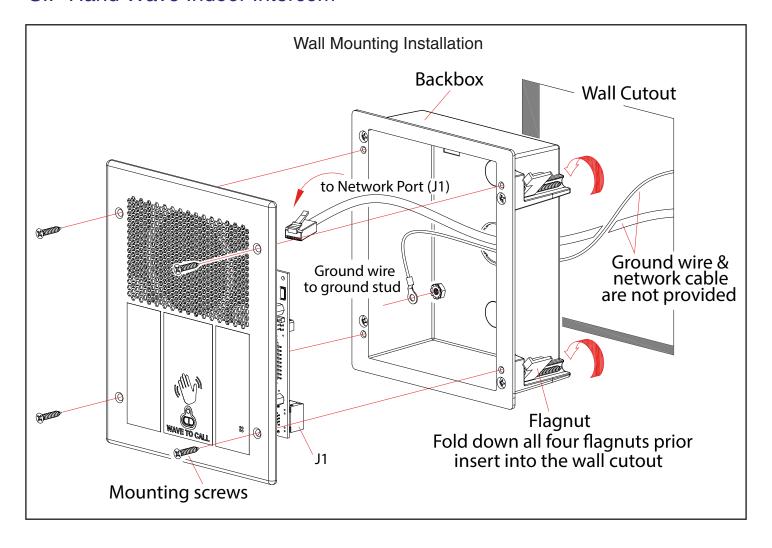| Specifications | |
|---|---|
| Ethernet I/F | 10/100 Mbps |
| Protocol | SIP RFC 3261 Compatible |
| Power Input | PoE 802.3af compliant or +8 to +12VDC @ 1000mA Regulated Power Supply (not included) |
| Speaker Output | 802.3af - SPL 85dB @ 1 meter |
| On-Board Relay | 1A @ 30 VDC |
| Payload Types | G.711 a-law, G.711µ-law, G.722, and G.729 |
| Network Security | TLS 1.2, SRTP, HTTPS |
| 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 | Temperature: $-40^0$ C to $70^0$ C ($-40^0$ F to $158^0$ F) Up to 15,000 ft. (4573 m) |
| Dimensions* | 5.827 inches [148 mm] Length 2.319 inches [59 mm] Width 7.205 inches [183 mm] Height |
| Weight Boxed Weight | 1.0 lbs. [0.45 kg] 2.2 lbs. [1.0 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 | 011530 |

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

# SIP Hand Wave Indoor Intercom

## Typical Installation

**Trigger electric door strike with a predetermined key code from the IP phone**



**PoE Switch**

8 7 6 5 4 3 2 1

**Terminal Block of the CyberData Device**

**Enter key code to trigger the dry contact in the device**

3

4

6

5

**Sense Input**

+

DC Source
1 A @ 30 VDC

−

**Standard Electronic Door Sense
(not sold by CyberData)**

**Standard Electronic Door Strike
(not sold by CyberData)**

## Dimensions



CyberData
The IP Endpoint Company

WAVE TO CALL

7.205" [183mm]

0.170" [4.32mm]

2.319" [59mm]

5.827" [148mm]
Dimensions are in inches [millimeters]

# SIP Hand Wave Indoor Intercom

## Wall Mounting Installation

Backbox

Wall Cutout

to Network Port (J1)

Ground wire
to ground stud

Ground wire &
network cable
are not provided

J1

Flagnut
Fold down all four flagnuts prior
insert into the wall cutout

Mounting screws

**Related Products:**

011375 Network Dual
Door Strike Relay

011269 Door Strike
Intermediate Relay Module

011288 Auxiliary RGB
(Multi-Color) Strobe Kit

011490 Outdoor Auxiliary RGB
(Multi-Color) Strobe Kit