

# Technical Specifications

## VIP-4171-A12-IC InformaCast® IP Metal Wall Speaker and Analog Clock Kit

- InformaCast® compliant
- PoE (IEEE 802.3af)
- Paging, emergency alerts, and tones
- One-way paging and talkback intercom
- High-quality audio
- NTP clock sync
- Quick and easy installation
- Indoor use only



*InformaCast compliant  
Metal wall speaker  
+ 12-inch analog clock*

### Description:

The VIP-4171-A12-IC InformaCast Metal Wall Speaker/Clock Kit endpoint is powered by a single network PoE port and provides a metal wall speaker and 12-inch analog clock. Also included in the kit is a 50-foot pre-connected cable that links the devices together. No backbox or baffle is required.

## SPECIFICATIONS

### SPEAKER ELEMENT

Voice coil impedance: 45 Ohms

### AUDIO OUTPUT

Rating: > 96 dB @ 4ft (1.22 m)

### FREQUENCY RESPONSE

80 Hz to 15 kHz

### NETWORK

10/100 Mbps Ethernet port  
Manual or Dynamic Host Configuration Protocol (DHCP) IP address setup  
Time and date synchronization using NTP

### POWER REQUIREMENTS

Power over Ethernet (POE) 802.3af compatible

### INFORMACAST CONFIGURATION METHODS

SLP (Service Location Protocol)  
Static Configuration

### PROTOCOLS

IETF SIP (RFC3261)  
IETF IGMP version 3 (RFC3376)  
IETF RTP (RFC1889)  
IETF RFC2833

### AUDIO CODECS

G.711 u-law, others

### ENVIRONMENT

Temperature: +32 to +104 °F (0 to +40 °C)  
Humidity: 0 to 85% non-precipitating

### HOUSING AND FINISH

**Clock:** 4-digit hour/minute display red characters  
**Case:** Steel with a durable black power coated finish  
**Speaker:** Steel housing with a gray powder coated finish

### DIMENSIONS AND WEIGHT

#### Clock

17.00in L x 3.00in W x 6.75in H  
(43.18cm x 7.62cm x 17.14cm)

**Weight:** 5.10lbs (2.00kg)

#### Speaker

10.13in H x 12.31in W x 4.63in D  
(25.73cm x 31.27cm x 11.75cm)

**Weight:** 5.50lbs (2.50kg)

**Shipping Weight:** 16.20lbs (7.29kg)

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## ARCHITECTS AND ENGINEERS

The InformaCast IP Metal Wall Speaker and Analog Clock Kit, model VIP-4171-A12-IC, shall be InformaCast compliant. The VIP-4171-A12-IC kit shall consist of a metal wall speaker, a 12in analog clock and 50ft cable. The VIP-4171-A12-IC shall provide synchronized time, talkback intercom and loudspeaker paging from one IP network connection. The Analog Clock will sync it's time with the InformaCast server.

Power shall be provided to the VIP-4171-A12-IC clock and speaker via a Power over Ethernet (PoE) switch meeting the 802.3af specification. The VIP-4171-A12-IC shall automatically acquire an IP address (using DHCP) and connect to the InformaCast server when connected to the network and powered up. Information specific to the application shall need to be programmed into the InformaCast server.

The VIP-4171-A12-IC clock case shall be constructed of smooth

surface ABS is with a durable black powder coated finish. The dial shall be constructed of durable polystyrene and the crystal shall be constructed from shatterproof, side-molded polycarbonate. The VIP-4171-A12-IC Metal Wall Speaker shall be constructed of steel with durable gray powder coated finish and shall include a cloth covered detachable grill. The VIP-4171-A12 shall be suitable for indoor applications.

The clock maximum dimensions shall be: 12.81in dia x 1.20in D (32.54cm x 3.05cm). Weight shall be approximately 3.70lbs (1.68kg). The speaker maximum dimensions shall be: 10.13in H x 12.31in W x 4.63in D (25.73cm x 31.27cm x 11.75cm). Weight shall be approximately 4.25lbs (1.91kg).

Warranty information may be found on our website at [www.valcom.com/warranty](http://www.valcom.com/warranty).