Technical Specifications

VIP-9880A-SA Intrado Revolution® IP Square Grille FlexHorn™

- Intrado Revolution compliant
- PoE (IEEE 802.3af)
- Paging, intercom, background music, emergency alerts
- Talkback paging
- High-quality audio
- Indoor use only

Intrado Revolution compliant
Square hole pattern
One-way

Description:
The VIP-9880A-SA IP FlexHorn with square grille enables loudspeaker voice paging anywhere on an Ethernet network. The VIP-9880A-SA is designed for surface mounting and is an ideal solution for schools, gymnasiums, subway and train stations.

SPECIFICATIONS

SPEAKER ELEMENT
3.5-inch (8.9 cm)
Voice coil impedance: 0.75 dia (1.9cm), 45 Ohm

AUDIO OUTPUT
Output Impedance: 600 Ohms
Output Level: -10 dBm nominal

AUDIO INPUT
Input Impedance: 600 Ohms
Input Level: -10 dBm

POWER REQUIREMENTS
Power over Ethernet (POE) 802.3af compatible

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

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

CONFIGURATION METHODS
DHCP Option 72
Static Configuration

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
Horn: High impact ABS
Faceplate: Steel with white powder coated finish

DIMENSIONS AND WEIGHT
10.75in H x 10.75in W x 4.00in D
(27.31cm x 27.31cm x 10.16cm)
Weight: 3.10lbs (1.41kg)
Shipping Weight: 7.00lbs (3.15kg)

MOUNTING
Flush mounting or to a recessed backbox

ACCESSORIES
VB-R17-D Recessed Backbox

ARCHITECTS AND ENGINEERS

The IP FlexHorn with Square Grille, model VIP-9880A-SA, shall be Intrado Revolution compliant. The VIP-9880A-SA shall provide one-way communication to a single zone of paging over an IP-based network. The VIP-9880A-SA shall allow a page zone extension anywhere on the network.

Power shall be provided to the VIP-9880A-SA via a Power over Ethernet (PoE) switch meeting the 802.3af specification. Setup of the VIP-9880A-SA shall automatically acquire an IP address (using DHCP) and connect to the Intrado Revolution server when connected to the network and powered up. Information specific to the application shall need to be programmed into the Intrado Revolution server.

The VIP-9880A-SA IP FlexHorn with Square Grille shall be designed for flush mounting on a hollow surface or recess mounting to a backbox (VB-R17-D).

The VIP-9880A-SA IP FlexHorn with Square Grille shall be constructed of steel with a white powder coated finish. The FlexHorn shall be constructed of high impact ABS. The VIP-9880A-SA shall be suitable for indoor applications.

Maximum dimensions shall be: 10.75in H x 10.75in W x 4.00in D (27.31cm x 27.31cm x 10.16cm). Weight shall be approximately 3.10lbs (1.41kg).

Warranty information may be found on our website at www.valcom.com/warranty.