IP-IPS8

DESCRIPTION:

The IP POE Powered Ceiling Speaker is the latest in IP technology. This Power over Ethernet (Compatible with both IEEE 802.3IEEE 802.3at) VoIP mass-notification device has network-controlled speaker volume, scheduled program broadcast, priority-based multicast streaming, group definition, working status supervision, remote online technical support and trouble shoot. The speaker is capable of broadcasting audio through multicast.

The POE powered ceiling speaker enable to be built up an IP based sound system through a single CAT5 or CAT6 wire. The sir CATS cable is used for control data, signal data and power supply, by this way, the layout cost will be much decreased without an consideration of AC nor DC power supply.

The POE powered ceiling speaker is compatible with universal POE switch; thus, the POE speaker works with existing POE LAN/V & internet network and fibre-optical cable, no need dedicated network to be built-up. So, it is very useful for office, hotel, school, bank, factory & shopping mall where POE network is already there. External DC12V connector is also equipped in this POE speak for standby power supply use. The POE ceiling speaker is designed with 6" full range ceiling speaker with 15W class-D amplifier.
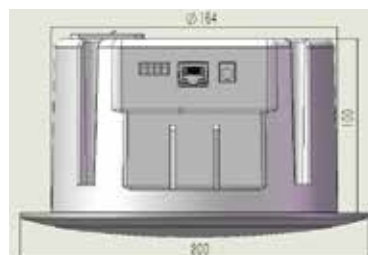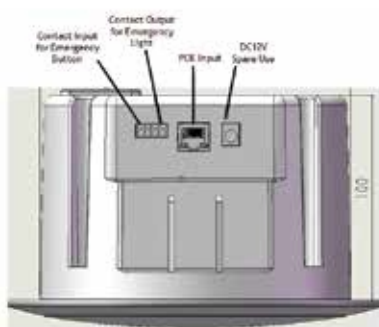
IP/TCP Network Audio System

FEATURE:

- Support with existing POE switch network system.
- Compatible with both IEEE 802.3af & IEEE 802.3at.
- IP based POE powered 10W ceiling speaker.
- Single network cable for control, signal and power supply.
- Paging prioritization and background music system.
- Network adjustable speaker volume.
- Closed contact input for emergency button or third party integration.
- Closed contact output for emergency light or third party integration.
- Same POE speakers enable to be several group or zone defined.
- Different music or voice message simultaneously broadcast through different POE speaker.
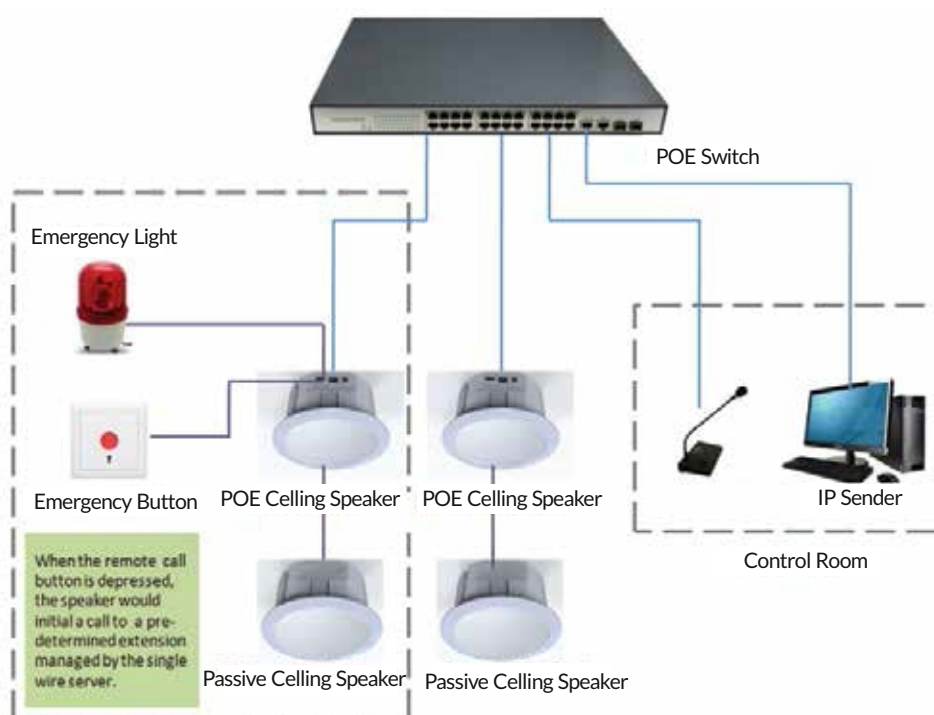
SPECIFICATION:

Model	IP-IPS8
Description	IP Based POE Ceiling Speaker
Power Output	10W Watts Max (1KHz@-3dB)
Built-in Amplifier	15W Watts Max
Network I/F	10/100Mbps
Protocol	TCP/IP, UDP, IGMP (Group Broadcast)
Audio Format	MP3/MP2
Audio Quality	16digit stereo CD level
Sampling Rate	8K~48K
Bit Rate	8K~512Kbps
Sensitivity	92dB/1W/1M
S/N Ratio	≧85dB
THD	≦0.1%
Frequency Response	100-18KHz（±3dB）
Connector	One RJ45 port for existing LAN/WAN & internet
	One closed contact input for emergency button, 0V, short circuit contact
	One closed contact output for emergency light, 0V, short circuit contact
	One DC12V battery backup for external power supply
Power Input	POE 802.3af or POE 802.3at & DC 12V
Operation Temp	-30 to 55℃
Dimension	200(Diameter)×100(Depth)mm
Cutout Size	165mm
Weight	1.2kg

IP/TCP Network Audio System

DIMENSION & SIZE

CONNECTION DIAGRAM:

POE Switch

Emergency Light

Emergency Button   POE Celling Speaker   POE Celling Speaker   IP Sender

Control Room

When the remote call button is depressed, the speaker would initial a call to a pre-determined extension managed by the single wire server.

Passive Celling Speaker   Passive Celling Speaker