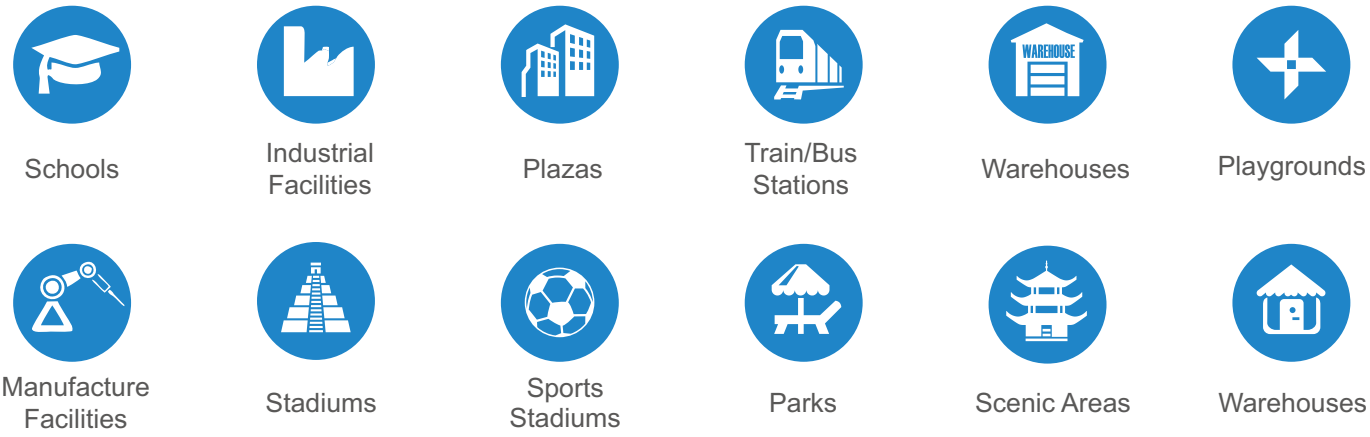


SH30

Network Horn Speaker

ZYCOO SH30 is a SIP enabled horn speaker which provides exceptionally clear and intelligible voice for SIP paging, notification/tone broadcasting and streamed background music. It is suitable to be deployed in outdoor and other open spaces for public notifications and public safety purposes.

Applicable Scenarios



Features

- Built-in 30W amplifier, 400Hz to 8KHz frequency range and 117dB max sound pressure level, the audibility and intelligibility of voice paging are guaranteed even in noisy and large spaces.
- With IP65 protection rating and well thermal durability. SH30 is suitable for outdoor installation and operations, even in extreme outdoor environments.
- ZYCOO IP Audio Center auto provisioning support, large-scale installations (local or remote) will be extremely easy and time-saving.
- Built-in SIP support, can be integrated with ZYCOO IP Audio Center or third-party SIP server, SIP paging using wideband G.722 codec which provides crystal clear HD voice.
- Music playback through ZYCOO IP Audio Center using streamed media. HD MP3 audio files supported for superior quality of background music.
- Standard PoE (IEEE 802.3at) support, simple and easy installation with a single network cable. External power supply can be used if required.
- SH30 supports three lines SIP accounts, in which users may register the endpoint in more than one system for achieving different functionality purposes.
- Compatible with IP Camera VMS via ONVIF, the SH30 can support paging, emergency notifications, or live announcements for IP cameras to increase security and functionality.

Specifications

Speaker	
Speaker component	2"midrange driver unit
Sensitivity	105dB/1m/1W
Max sound pressure level	117dB
Amplifier	Built-in 30W Class D Amplifier
Rated power	DC: 8Ω 30W or PoE: 8Ω 18W
Frequency range	400Hz – 8KHz
Coverage Pattern	50°H 50°V, effective distance 70m
Acoustics	Mono
Audio	
Audio codecs	G.722, G.711 A-law, G.711 U-law, Opus
Audio streaming	MP3 sampling rate 8 – 48KHz, bit rate 64 – 320kbps, mono or Stereo
Network	
Interface	RJ45 10BASE-T/100BASE-TX PoE
Protocols	SIP(RFC3261), HTTP, TCP/IP, SSL, DNS, SNTP, NTP, RTSP, RTP, RTCP, TCP, UDP, MQTT, ICMP, DHCP, ARP, SSH
Administration	
Configuration	Web interface or auto provisioning server.
Provisioning method	MQTT IoT Protocol
Mechanical Properties	
Memory	128MB RAM, 256MB Flash
Power input	PoE IEEE802.3at/DC24V2A
Casing	Surface-treated 1060 aluminium
IP Rating	IP65
Color	Grey
Weight	2.68KG (5.9lb)
Dimension	Ø276.07 x 276.6 mm (10.87 x 10.89 in)
Mounting method	Wall/pole mounted
Key	Press and hold for 3 seconds to announce IP address; Press and hold for 10 seconds to reset device to factory defaults.
Environmental	
Installation environment	Outdoor
Operating temperature	-40℃ - 70℃ (-40℉ - 158℉)
Storage temperature	-40℃ - 70℃ (-40℉ - 158℉)
Humidity	10% - 95% RH Non-condensing
Approvals	
Approvals	EN 55032:2015, EN 55035:2017, EN 61000-3-2:2014, EN 61000-3-3:2013, EN 62368-1:2014+A11:2017, FCC Part 15B Class A



(719) 322-4365
zycoo@zycoo.com
www.zycoo.com
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