Network Square Speaker

SQ10 Network Square Speaker has SQ10-B and SQ10-T two models. Two LED flashers are located on the SQ10-T's top surface and can be used to alert room occupants of an incoming audio message or emergency notices. The LED display can show real-time time and eliminates the need for a separate clock system. Meanwhile, both of them have built-in microphones which can support two-way communication. They are perfect to use in scenarios like classrooms, libraries, and offices.

Applicable Scenarios

Schools

Health Care

Office Buildings

Hotel Lobbies

Airports

Pharmacies

Banks

Residential Buildings

Restaurants

Hospitals

Features

Audio

320Kbps superior quality MP3 music files and streamed media music supported. Click to play music, immediate announcement, intercom, schedule music and paging are all supported.

Microphone

Integrated microphone allows for half-duplex or full-duplex paging based on software platform used. When used with the push button, calls to a predetermined extension or trigger a task can be initiated from the room with the speaker.

Flasher

The flashing LED lights support multiple flashing methods to correspond to different types of operation, such as slow-flashing, fast-flashing, simultaneous flashing, and alternate flashing.

Clock

The LED displays time and eliminates the need for a separate clock system, perfect to use in scenarios like classrooms, libraries, offices. Viewable at 65ft.

ONVIF Compatible

Compatible with IP Camera VMS via ONVIF, the SQ10-B and SQ10-T can support paging, emergency notifications, or live announcements for IP cameras to increase security and functionality.

PoE+

SQ10 is PoE supported, making it easy to connect into local area networks from your PoE switch with a CAT 5/6 cable. No extra power cables are needed.

SIP Integration

Standard SIP protocol implemented, you can register the SQ10 into any third-party SIP server such as IPPBX system or PA system.

Peripheral Integration

With the support of peripheral integration, the SQ10 can connect with strobes, call buttons, door magnetism, etc.

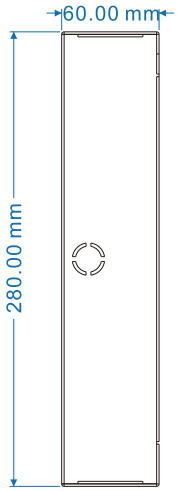
Diverse Installation

Four additional knockout holes are implemented along each side of the enclosure, allow cables to plug into the speaker in any direction.

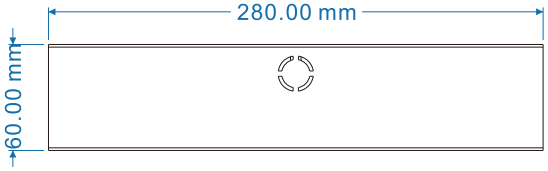
Specifications

Speaker	
Speaker Size	4.5 inch
Average Sensitivity	91dB/1m/1W
Frequency Response	70Hz~20KHz
THD	<0.1%
Max SPL at 1m (Passive)	101dB
Amplifier	Single Channel Class-D Topology
Rated Power	8Ω 10W
Coverage Pattern	90°H 50°V 30m^2
Audio	
Network Audio Types	G.722, G.711 A-law, G.711 U-law, Opus
Network	
Ethernet	IEEE 802.3 10/100Base-T
PoE	IEEE 802.3 AT Compliant
Supported Protocols	SIP(RFC3261), HTTP, TCP/IP, SSL, DNS, SNTP, NTP, RTSP, RTP, RTCP, TCP, UDP, MQTT, ICMP, DHCP, ARP, SSH
IP Addressing	DHCP / Static
Mechanical Properties	
Memory	128MB RAM, 256MB Flash
AC Power Input	PoE+ and External 24VDC
Casing Material	Cold rolled steel finished in textured white epoxy
Mounting Method	Wall mounted
Color	White
Weight	3.15kg(6.95lb)
Dimensions	280*280*65mm
SYS Light Status	On/Off/Flash
PWR Light Status	On/Off/Flash
RST 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	Indoor
Operating Temperature	–20°C - 50°C (-4°F - 122°F)
Storage Temperature	–40°C - 70°C (-40°F - 158°F)
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
Warranty Coverage	
Warranty Period	2 Year Limited

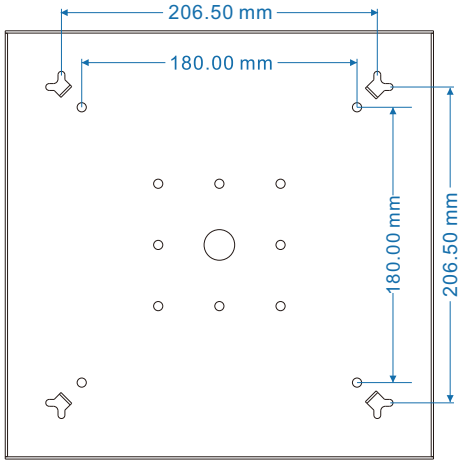
Dimensioning



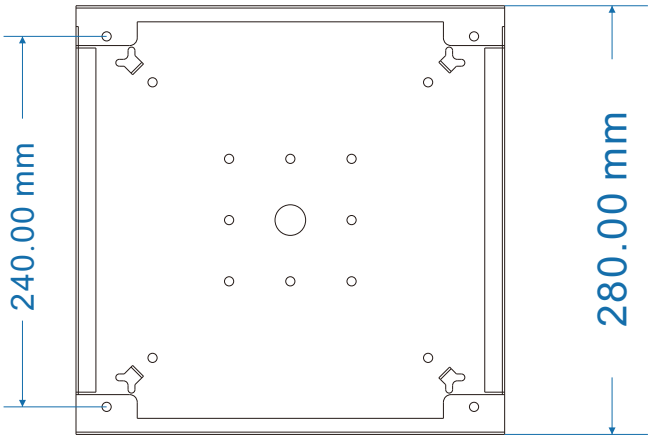
Side



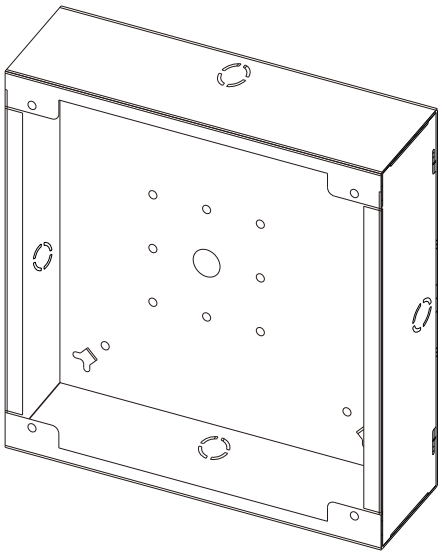
Top



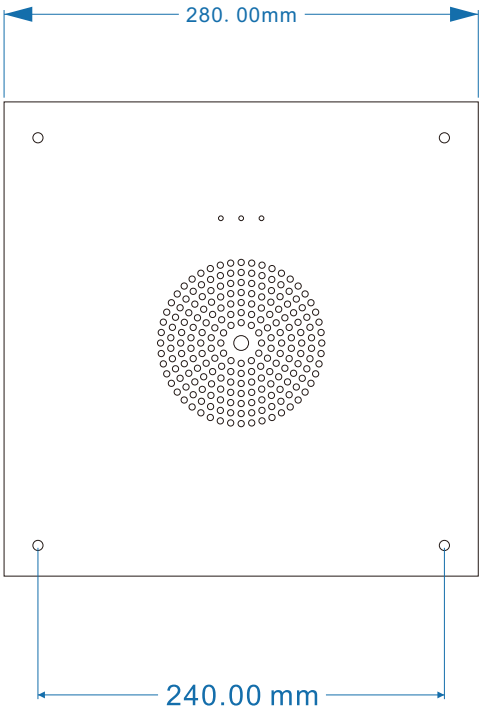
Rear-back



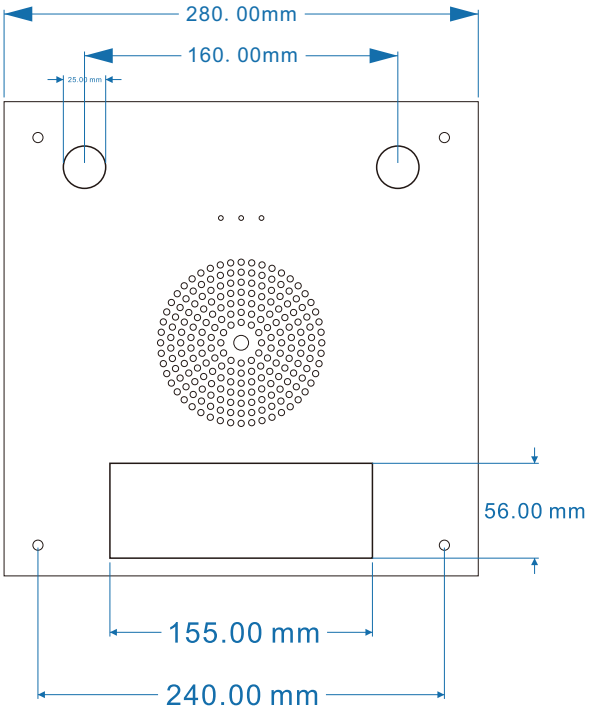
Rear-front



(Perspective)


280. 00mm
240.00 mm

(SQ10-B)


280. 00mm
160. 00mm
25.00 mm
56.00 mm
155.00 mm
240.00 mm

(SQ10-T)

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