

SPA-C100W

IP Ceiling Speaker

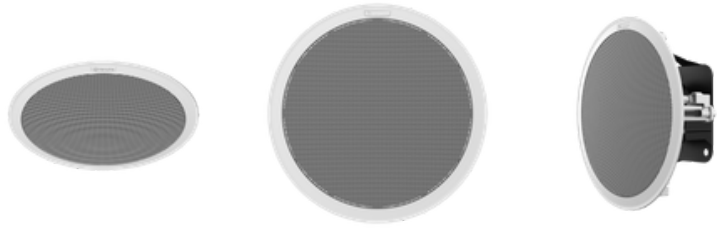


Key Features

- Output Level: +6dBV $\pm$ 3dB
- Frequency Response: 20Hz ~ 20kHz
- Amplifier: Built in 10W Class D
- Power: PoE (IEEE 802.3 af type 1 Class 3), PoE+ (IEEE 802.3 at type 2 Class 4)
- Internal Memory: 1 GBytes
- Max. Sound Pressure Level: 100dB
- Frequency Range (-10dB): 120Hz~20kHz
- Sensitivity (1Watt): 90dB
- Supported Protocol: IPv4, HTTP, HTTPS, SIP, mDNS, DNS, NTP, TCP, UDP, DHCP, ARP, ICMP, SNMP(v3)
- TTS: English(US, UK), German, French, Spanish, Russian
- Audio Monitoring: Speaker, Connection test

SPA-C100W

IP Ceiling Speaker



Specifications

Product

IP Audio Type	IP Ceiling Speaker
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Line Output

Output Level	+6 dBV $\pm$ 3 dB
Frequency Response	20Hz~20kHz
THD + N Ratio (AES17LPF)	Less than 0.1%
S/N Ratio (20kHz LPF, A-WTD)	Greater than 91 dB

Amplifier

Description	Built in 10W Class D
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Network

Ethernet	10/100 Base-T
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Memory

Internal Memory	1 GBytes
External Memory (Micr SD)	SDHC upto 32GB (SANDISK)

Contact

Contact Input. Dry contact	One Channel
Contact Output. Dry contact (NO)	One channel

General

Operating Temperature	-20°~+50°C(-4°F~+122°F)
Operating Humidity	10~85%RH(Non-Condensing)
IP Code	N/A
Weight	1.8Kg (3.97lb)
Size	ø269*142.5(H)mm
Color	White
Certificate	EMC : KS C 9832/9835, EN 55032/55035, Safety : KC 62368-1

Power

PoE	PoE (IEEE 802.3 af type 1 Class 3)
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Power

PoE+	(IEEE 802.3 at type 2 Class 4)
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Embedded MIC

Input Sensitivity	Sound Level Meter
Frequency Response	Sound Level Meter

Audio

Supported Audio Format	WAV, MP3 in mono/stereo from 64 kbps to 320 kbps. Sampling rate from 16kHz up to 48 kHz
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Speaker

Speaker Component	2 Way 8" LF Drive & 2" HF Driver. Passive type
Max. Sound Pressure Level (PoE)	96 dB
Max. Sound Pressure Level (PoE+)	100 dB
Frequency Range (-10 dB)	120 Hz~20 kHz
Sensitivity (1 Watt)	90 dB
Coverage Pattern	(HxV) : 90° (1 kHz) / 60° (4 kHz)

Network Protocol

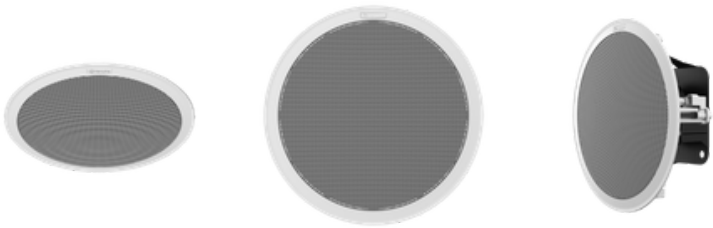
Security	Password protection : admin, setup, user, guest (sha-2, Digest authentication, User access log)
Supported Protocols	IPv4, HTTP, SIP, mDNS, DNS, NTP, TCP, UDP, DHCP, ARP, ICMP

System Integration

Application Programming Interface	SUNAPI(HTTP API), ONVIF Profile S
Multi-source Dynamic PA control	Multi-source up to 48 (Multicast) (Audio 24CH + Mic 24CH) (Up to 15 audio channels can be broadcast simultaneously), Up to 256 Zone Control (Multicast), Up to 20 Zone Control (Unicast), Up to 255 Groups
VoIP	Tested with SIP clients such as Grandstream, Yealink, Cisco, MicroSIP softphone and PBX supplier such as Asterisk. Supported SIP features : DTMF (RFC2833), Supported codecs : PCMU, PCMA, speex/8000, speex/16000
TTS	English (US, UK), German, French, Spanish, Russian
Audio Monitoring	Speaker test by graphic level meter (Built in test tool)
Event & Preset	Virtual Contact, Dry contact
Functional Monitoring	Connection verification, Built-in system logging

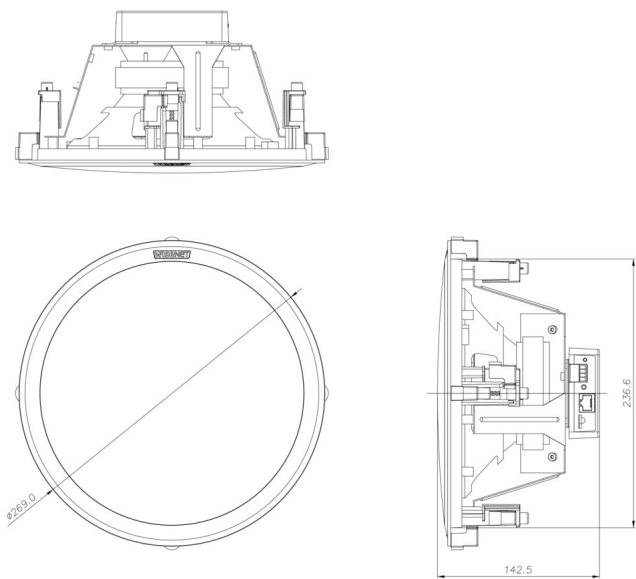
SPA-C100W

IP Ceiling Speaker



CAD

Unit: mm [inch]



3	MODEL2	
2	MODEL1	
1	SPA-C100BW	'22.7.15
No.	MODEL NAME	DATE
Unit: mm [inch] SCALE: 1/1  Hanwha Techwin		

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