

# SPA-C100W

IP Ceiling Speaker

## Key Features

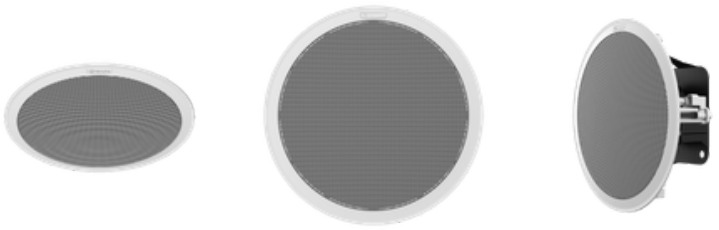
- Output Level: +6dBV ± 3dB
- Frequency Response: 20Hz ~ 20kHz
- Amplifier: Built in 10W Class D
- Power: PoE (IEEE 802.3 af type 1 Class 3), PoE+(IEEE 802.3 at type 2 Class 4)
- Internal Memory: 1 GBytes
- Max. Sound Pressure Level: 100dB
- Frequency Range (-10dB): 120Hz~20kHz
- Sensitivity (1Watt): 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 Mornitoring: Speaker, Connection test

Design and specifications are subject to change without notice. The latest product information / specification can be found at HanwhaVision.com
Hanwha Vision is formerly known as Hanwha Techwin.

© Hanwha Vision CO., LTD. All rights reserved.

# SPA-C100W

IP Ceiling Speaker



## Specifications

| | |
|---|---|
| **Product** | |
| IP Audio Type | IP Ceiling Speaker |
| **Line Ouput** | |
| Output Level | +6 dBV ±3 dB |
| Frequency Response | 20Hz~20kHz |
| THD + N Ration (AES17LPF) | Less than 0.1% |
| S/N Ration (20kHz LPF, A-WTD) | Greater than 91 dB |
| **Amplifier** | |
| Description | Built in 10W Class D |
| **Network** | |
| Ethernet | 10/100 Base-T |
| **Memory** | |
| Internal Memory | 1 GBytes |
| External Memory (Micro 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,<br>Safety : KC 62368-1 |
| **Power** | |
| PoE | PoE (IEEE 802.3 af type 1 Class 3) |

Design and specifications are subject to change without notice. The latest product information / specification can be found at HanwhaVision.com
Hanwha Vision is formerly known as Hanwha Techwin.

© Hanwha Vision CO., LTD. All rights reserved.

## Power

| | |
|---|---|
| PoE+ | (IEEE 802.3 at type 2 Class 4) |

## Embeded 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 |

## 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

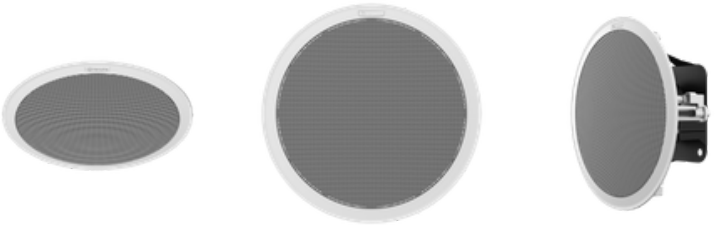
| | |
|---|---|
| Application Programming Interface | SUNAPI(HTTP API), ONVIF Profile S |
| Multi-source Dynamic PA control | Multi-source up to 48 (Multicast) (Audio 24CH + Mic 24CH) (Up to 15 audio channels can be broadcast simultaneously), Up to 256 Zone Control (Multicast), Up to 20 Zone Control (Unicast), Up to 255 Groups |
| VoIP | Tested with SIP clients such as Grandstream,Yealink,Cisco,MicroSIP softphone and PBX supplier such as Asterisk,<br>Supported SIP features : DTMF (RFC2833),<br>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 |

Design and specifications are subject to change without notice. The latest product information / specification can be found at HanwhaVision.com
Hanwha Vision is formerly known as Hanwha Techwin.

© Hanwha Vision CO., LTD. All rights reserved.

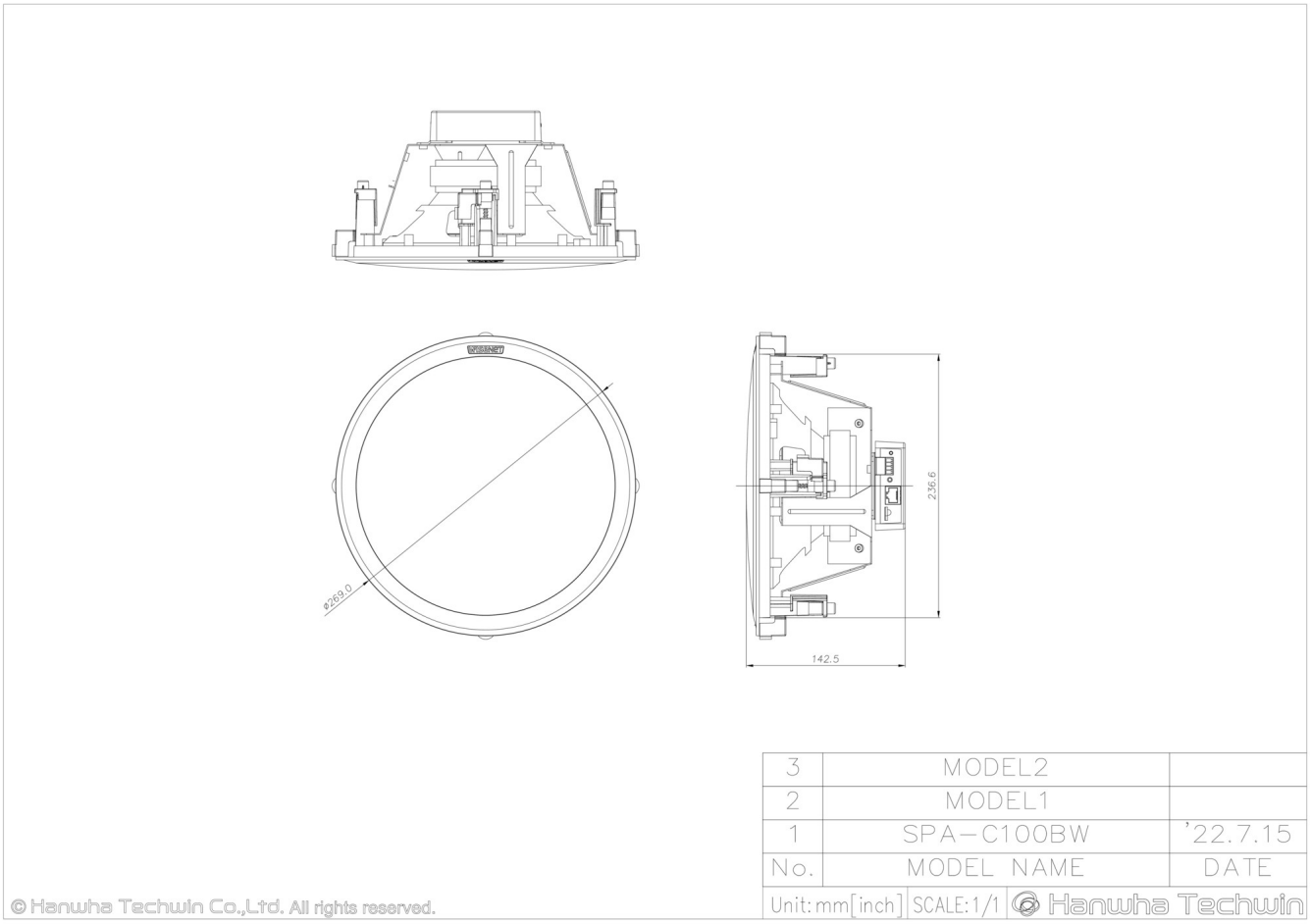
# SPA-C100W

IP Ceiling Speaker



## CAD

**Unit:** mm [inch]




Design and specifications are subject to change without notice. The latest product information / specification can be found at HanwhaVision.com
Hanwha Vision is formerly known as Hanwha Techwin.

© Hanwha Vision CO., LTD. All rights reserved.