



SPA-W100

IP Wall 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: 99dB
- Frequency Range (-10dB): 120Hz~20kHz
- Sensitivity (1Watt): 90dB
- IP Code: IP45
- Supported Protocol: IPv4, HTTP, SIP, mDNS, DNS, NTP, TCP, UDP, DHCP, ARP, ICMP
- TTS: English(US, UK), German, French, Spanish, Russian
- Audio Mornitoring: Speaker, Connection test

SPA-W100

IP Wall Speaker



Specifications

Product

| | |
|------|-----------------|
| Type | IP Wall speaker |
|------|-----------------|

Line Output

| | |
|------------------------------|-------------------|
| Output Level | +6dBV ± 3dB |
| Frequency Response | 20Hz ~ 20kHz |
| THD + N Ratio (AES17 LPF) | Less than 0.1% |
| S/N Ratio (20kHz LPF, A-WTD) | Greater than 85dB |

Amplifier

| | |
|-------------|----------------------|
| Description | Built in 10W Class D |
|-------------|----------------------|

Power Amp

| | |
|-----------------------------------|-----------------------------|
| Output Power (8Ω, 1kHz Sine wave) | 3.7W(PoE), 10W (PoE+) @1kHz |
|-----------------------------------|-----------------------------|

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 | IP45 |
| Weight | 2.5Kg |
| Size | 170(W)*250(H)*134(D) |
| Color | Black/White |
| Certificate | EMC : KS C 9832/9835, EN 55032/55035, FCC Part 15 Subpart B, ICES-003 Safety : KC 62368-1, UL 62368-1, CAN/CSA C22.2 No.2 62368-1 |

Power

| | |
|------|------------------------------------|
| PoE | PoE (IEEE 802.3 af type 1 Class 3) |
| PoE+ | PoE+(IEEE 802.3 at type 2 Class 4) |

Embedded MIC

| | |
|--------------------|-------------------|
| Input Sensitivity | Sound Level Meter |
| Frequency Response | Sound Level Meter |

Audio

| | |
|----------------------------|---|
| Built-in microphone | 50Hz ~16kHz |
| Audio Compression | WAV, MP3 in mono/stereo from 64 kbps to 320 kbps. Sampling rate from 16 kHz up to 48 kHz |

Speaker

| | |
|---|--|
| Speaker Component | 2Way 5" LF Drive & 0.5" HF Drive. Passive type |
| Max. Sound Pressure Level (PoE : 3.7 Watt) | 96dB |
| Max. Sound Pressure Level (PoE+ : 10 Watt) | 99dB |
| Frequency Range (-10dB) | 120Hz~20kHz |
| Sensitivity (1Watt) | 90dB |
| Coverage Pattern | (HxV) : 180° X 120°(1kHz) / 120° X 70°(4kHz) |

Network Protocol

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

System Integration

| | |
|--|--|
| API (Application Programming Interface) | SUNAPI |
| Multi-source Dynamic PA control | Multi-source up to 48 (Multicast) (Audio 24CH + Mic 24CH) Up to 256 Zone Control (Multicast) Up to 20 Zone Control (Unicast) Up to 255 Groups |
| VoIP | Tested with PBX suppliers such as Cisco and Asterisk. Supported SIP features: DTMF (RFC2833) Supported codecs: PCMU, PCMA, speex/8000, speex/16000 |
| TTS | Domestic Version : Korean Export Version : 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 |

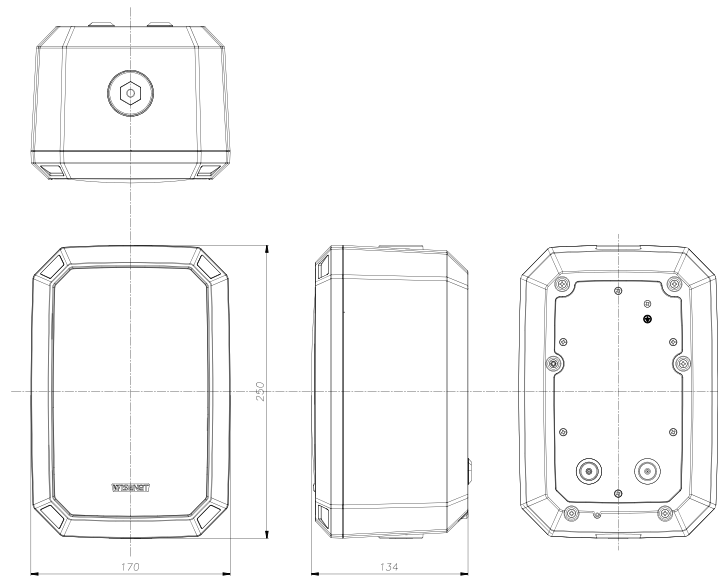
SPA-W100

IP Wall Speaker



CAD

Unit: mm [inch]



| | | |
|-----------------------------|------------|------------------|
| 3 | MODEL2 | |
| 2 | MODEL1 | |
| 1 | SPA-S1000 | '22.7.15 |
| No. | MODEL NAME | DATE |
| Unit: mm[inch] SCALE: 1/1 | | © Hanwha Techwin |

© Hanwha Techwin Co., Ltd. All rights reserved.