# SPA-H100B

IP Horn Speaker

## Key Features

- 124dB Max. Sound Pressure Level
- Built in 10W Class D Amplifier
- 111dB Sensitivity
- 650Hz ~ 5.3kHz Frequency Response
- Power: PoE(IEEE 802.3 af type 1 Class 3) , PoE+(IEEE 802.3 at type 2 Class 4)
- Internal Memory: 1 GBytes
- Frequency Range (-10dB): 650Hz~5.3kHz
- IP Code: IP66
- Supported Protocols: IPv4, HTTP, SIP, mDNS, DNS, NTP, TCP, UDP, DHCP, ARP, ICMP
- TTS: English(US, UK), German, French, Spanish, Russian

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# SPA-H100B

IP Horn Speaker

## Specifications

| | |
|---|---|
| **Product** | |
| IP Audio Type | IP Horn Speaker |
| **Amplifier** | |
| Description | Built in 10W Class D |
| **Network** | |
| Ethernet | 10/100 Base-T |
| **Memory** | |
| Internal Memory | 1 GBytes |
| **Contact** | |
| Contact Input. Dry contact | One Channel |
| Contact Output. Dry contact (NO) | One channel |
| **General** | |
| Operating Temperature | -40°C~+55°C(-40°F~+131°F) (Cold start : -35°C/-31°F) |
| Operating Humidity | 10~85%RH(Non-Condensing) |
| IP Code | IP66 |
| Weight | 3.7Kg (8.16lb) |
| Size | 241(W) x 155(H) x 307(D)mm |
| Color | Black |
| Certificate | EMC : KS C 9832/9835,EN 55.32/55035,FCC Part 15 Subpart B,ICES-003,<br>Safety : UL 62368-1,CAN/CSA 62368-1 |
| **Power** | |
| PoE | PoE (IEEE 802.3 af type 1 Class 3) |
| PoE+ | (IEEE 802.3 at type 2 Class 4) |
| Power | N/A |
| **Embeded MIC** | |
| Input Sensitivity | Sound Level Meter |
| Frequency Response | Sound Level Meter |

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## 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 | 1" HF Driver. Dome type |
| Max. Sound Pressure Level (PoE) | 121 dB |
| Max. Sound Pressure Level (PoE+) | 124 dB |
| Frequency Range (-10 dB) | 650 Hz ~ 5.3 kHz |
| Sensitivity (1 Watt) | 111 dB |
| Coverage Pattern | (HxV) : 130° X 160° (1 kHz) / 30° X 50°(1 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 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 |

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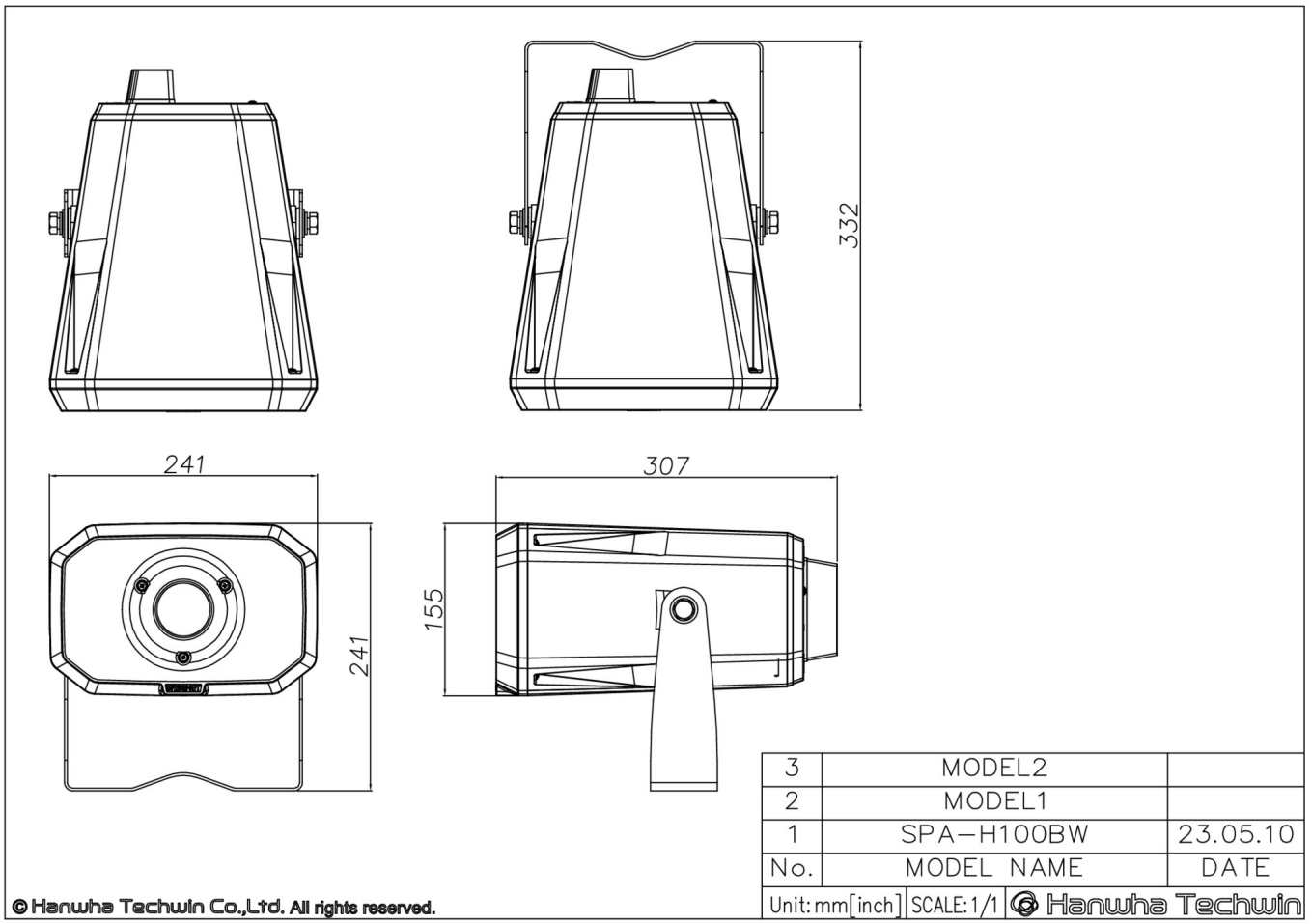
## CAD

**Unit:** mm [inch]

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