

SPA-W100B

IP Wall 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: 101dB
- Frequency Range (-10dB): 120Hz~20kHz
- Sensitivity (1Watt): 90dB
- IP Code: IP54
- 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

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SPA-W100B

IP Wall Speaker





Specifications

Product	
IP Audio Type	IP Wall 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	IP54
Weight	2.5Kg (5.5lb)
Size	170(W) x 250(H) x 134(D)mm
Color	Black
Certificate	EMC : KS C 9832/9835,EN 55.32/55035,FCC Part 15 Subpart B,ICES-003, Safety : KC 62368-1,UL 62368-1,CAN/CSA 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)
Power	N/A

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 5" LF Drive & 0.5" HF Driver. Passive type
Max. Sound Pressure Level (PoE)	97 dB
Max. Sound Pressure Level (PoE+)	101 dB
Frequency Range (-10 dB)	120 Hz~20 kHz
Sensitivity (1 Watt)	91 dB
Coverage Pattern	(HxV) : 180° X 120° (1 kHz) / 120° X 70°(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 256 Zone Control (Multicast), 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, 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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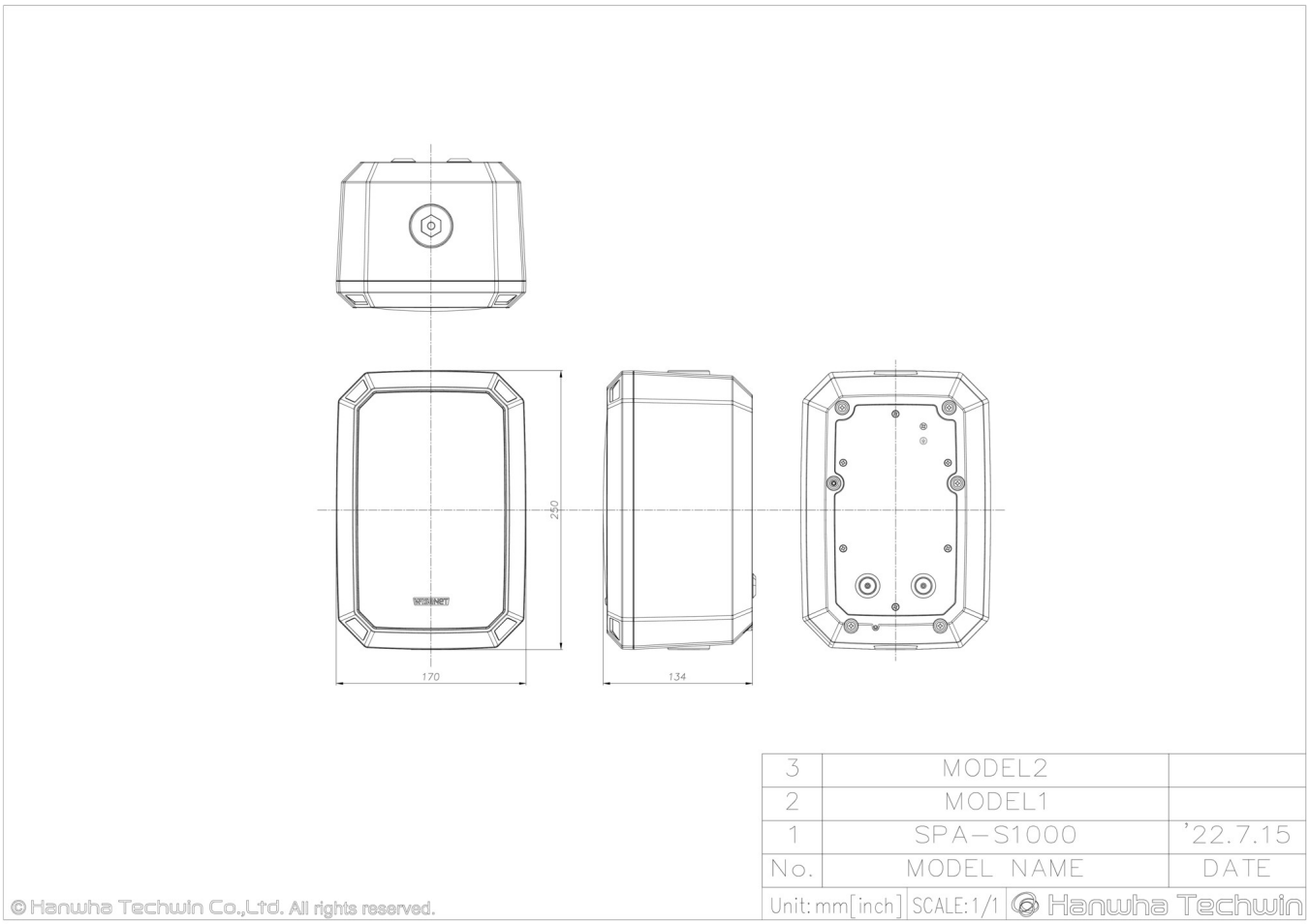
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CAD

Unit: mm [inch]



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