

SPA-W100B

IP Wall Speaker (Black)

Key Features

- Two-way audio
- Scheduler function
- Background Music (BGM)
- Text To Speech (TTS)
- 10W amp, 101dB Output
- Frequency Range 20Hz-20kHz
- 1GB Internal Storage, Micro SD slot (up to 32GB)
- Built-in Relay
- SUNAPI, SIP, & P2P-SIP protocols
- PoE, PoE+ power support
- IP54 weatherproof & outdoor rated
- Black Color

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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 15 audio channels can be broadcast simultaneously), 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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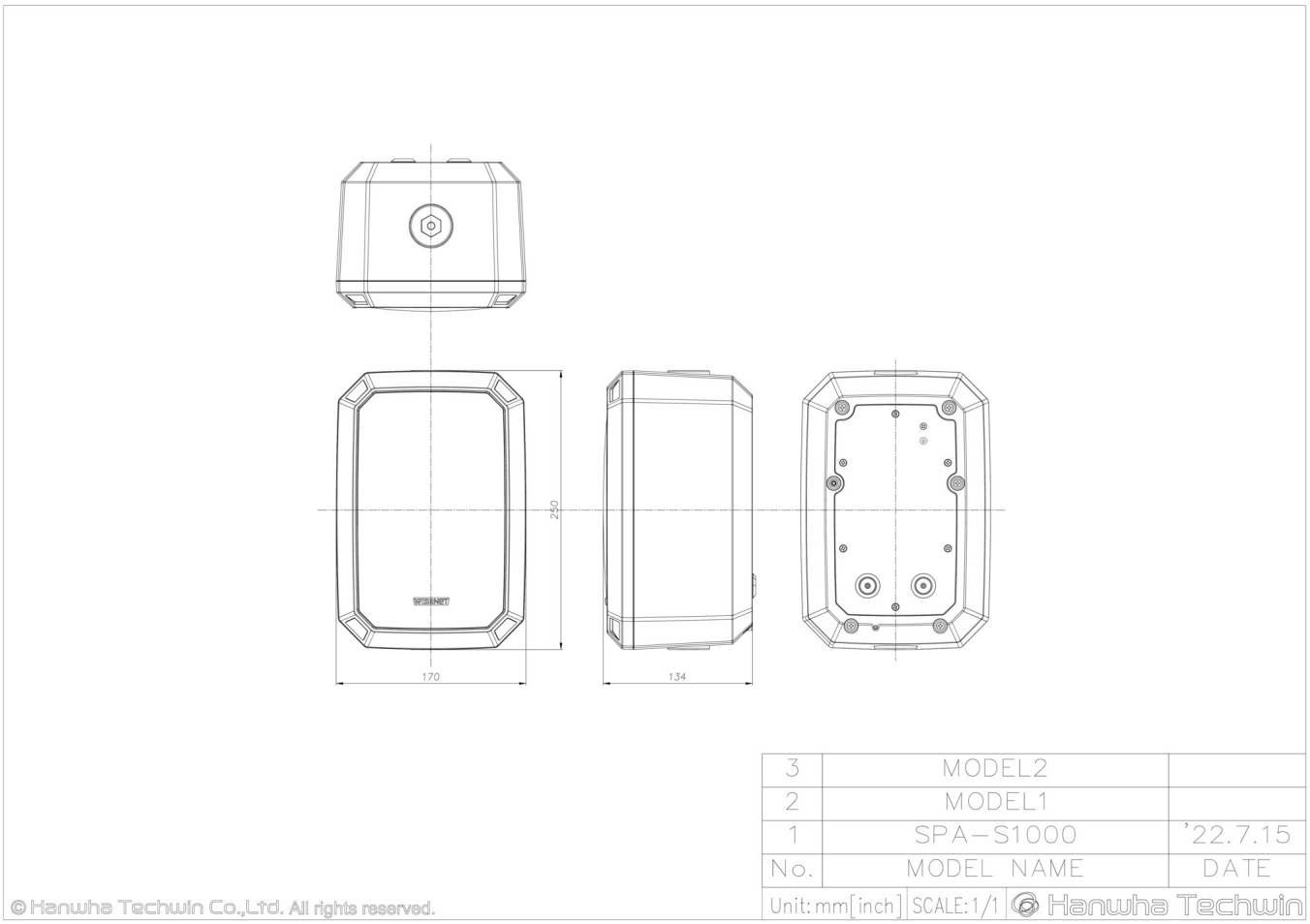
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CAD

Unit: mm [inch]



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