



# SPA-H100B

## IP Horn Speaker



### Key Features

- 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
- Frequency Range (-10dB): 650Hz~5.3kHz
- Max. Sound Pressure Level : 124dB
- Sensitivity (1Watt): 111dB
- IP Code: IP66
- Supported Protocols: IPv4, HTTP, HTTPS, SIP, mDNS, DNS, NTP, TCP, UDP, DHCP, ARP, ICMP, SNMP(v3)
- TTS: English(US, UK), German, French, Spanish, Russian

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## 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
External Memory (Micr SD)	N/A
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, 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

## Audio

<b>Supported Audio Format</b>	WAV, MP3 in mono/stereo from 64 kbps to 320 kbps. Sampling rate from 16kHz up to 48 kHz
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## Speaker

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

## Network Protocol

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

## System Integration

<b>Application Programming Interface</b>	SUNAPI(HTTP API), ONVIF Profile S
<b>Multi-source Dynamic PA control</b>	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
<b>VoIP</b>	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
<b>TTS</b>	English (US, UK), German, French, Spanish, Russian
<b>Audio Monitoring</b>	Speaker test by graphic level meter (Built in test tool)
<b>Event &amp; Preset</b>	Virtual Contact, Dry contact
<b>Functional Monitoring</b>	Connection verification, Built-in system logging

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## CAD

Unit: mm [inch]

