



Key Features

SPA-W100W

IP Wall Speaker











- \cdot 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: 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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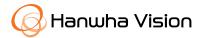
Specifications

Description Built in 10W Class D Network Ethernet 10/100 Base-T	Product	
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 (Micr SD) SDHC upto 32GB (SANDISK) Contact Contact Input Dry contact (NO) One Channel Contact Output Dry contact (NO) One channel General Operating Temperature -20°~+50°C(-4°F~+122°F) Operating Humidity 100 SCHAMBER (Non-Condensing)	IP Audio Type	IP Wall Speaker
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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 (Micr SD) SDHC upto 32GB (SANDISK) Contact Contact Input. Dry contact (NO) General Operating Temperature -20°~+50°C(-4°F~+122°F) Operating Humidity 10~85%RH(Non-Condensing)	Output Level	+6 dBV ±3 dB
S/N Ration (20kHz LPF, A-WTD) Amplifier Description Built in 10W Class D Network Ethernet 10/100 Base-T Memory Internal Memory (Micr SD) SDHC upto 32GB (SANDISK) Contact Contact Input. Dry contact Contact Output. Dry contact (NO) General Operating Temperature -20"~+50"C(-4"F~+122"F) Operating Humidity Greater than 91 dB Breater than 91 dB Greater than 91 dB Greater than 91 dB Amplifier Built in 10W Class D Author Class D Suit in 10W Class D Operating Suit in 10W Class D Operating Temperature -20"~+50"C(-4"F~+122"F) Operating Humidity 10~85%RH(Non-Condensing)	Frequency Response	20Hz~20kHz
Amplifier Description Built in 10W Class D Network Ethernet 10/100 Base-T Memory Internal Memory 1 GBytes External Memory (Micr SD) SDHC upto 32GB (SANDISK) Contact Contact Input. Dry contact Output. Dry contact (NO) One Channel General Operating Temperature -20°+50°C(-4°F+122°F) Operating Humidity 100-85%RH(Non-Condensing)	THD + N Ration (AES17LPF)	Less than 0.1%
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Network Ethernet 10/100 Base-T Memory Internal Memory 1 GBytes External Memory (Micr 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 10/100 Base-T 10	Amplifier	
Ethernet 10/100 Base-T Memory Internal Memory 1 GBytes External Memory (Micr SD) SDHC upto 32GB (SANDISK) Contact Contact Input. Dry contact Output. Dry contact (NO) One Channel General Operating Temperature -20°~+50°C(-4°F~+122°F) Operating Humidity 10/100 Base-T I 0/100 Base	Description	Built in 10W Class D
Internal Memory Internal Memory (Micr SD) External Memory (Micr SD) Contact Contact Input. Dry contact Contact Output. Dry contact (NO) One Channel General Operating Temperature -20°~+50°C(-4°F~+122°F) Operating Humidity 10~85%RH(Non-Condensing)	Network	
Internal Memory (Micr SD) External Memory (Micr SD) SDHC upto 32GB (SANDISK) Contact Contact Input. Dry contact Contact Output. Dry contact (NO) One Channel General Operating Temperature -20°~+50°C(-4°F~+122°F) Operating Humidity 10~85%RH(Non-Condensing)	Ethernet	10/100 Base-T
External Memory (Micr SD) Contact Contact Input. Dry contact Contact Output. Dry contact (NO) General Operating Temperature -20°~+50°C(-4°F~+122°F) Operating Humidity SDHC upto 32GB (SANDISK) One Channel One Channel -20°~+50°C(-4°F~+122°F)	Memory	
Contact Input. Dry contact Contact Output. Dry contact (NO) Cone channel Operating Temperature -20°~+50°C(-4°F~+122°F) Operating Humidity 10~85%RH(Non-Condensing)	Internal Memory	1 GBytes
Contact Input. Dry contact Contact Output. Dry contact (NO) One channel General Operating Temperature -20°~+50°C(-4°F~+122°F) Operating Humidity 10~85%RH(Non-Condensing)	External Memory (Micr SD)	SDHC upto 32GB (SANDISK)
Contact Output. Dry contact (NO) General Operating Temperature -20°~+50°C(-4°F~+122°F) Operating Humidity 10~85%RH(Non-Condensing)	Contact	
General Operating Temperature -20°~+50°C(-4°F~+122°F) Operating Humidity 10~85%RH(Non-Condensing)	Contact Input. Dry contact	One Channel
Operating Temperature -20°~+50°C(-4°F~+122°F) Operating Humidity 10~85%RH(Non-Condensing)	Contact Output. Dry contact (NO)	One channel
Operating Humidity 10~85%RH(Non-Condensing)	General	
	Operating Temperature	-20°~+50°C(-4°F~+122°F)
IP Code IP54	Operating Humidity	10~85%RH(Non-Condensing)
	IP Code	IP54
Weight 2.5Kg (5.5lb)	Weight	2.5Kg (5.5lb)
Size 170(W) x 250(H) x 134(D)mm	Size	170(W) x 250(H) x 134(D)mm
Color White	Color	White
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	Certificate	
Power	Power	
PoE (IEEE 802.3 af type 1 Class 3)	РоЕ	PoE (IEEE 802.3 af type 1 Class 3)

Design and specifications are subject to change without notice. The latest product information / specification can be found at HanwhaVision.com Hanwha Vision is formerly known as Hanwha Techwin.



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)
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, Supported SIP features: DTMF (RFC2833), 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]

