DS-QAZ1120G1-B
20 W Network Cabinet Speaker

- Adopt high-speed industrial grade dual core chips, built-in NOR Flash+EMMC dual storage, support dual backup of the system to ensure stable and reliable system performance.
- Support secure startup, user login locking mechanism, and password complexity prompts, support security audit log traceability, and improve system network security.
- Support batch unified management of remote platforms through IP networks (local area networks/public networks) and flexible configuration of local WEB single machines, while also support local audio collection and playback, adapting to various scene applications.
- Support fixed resistance output and can be connected to an external sub speaker to increase the coverage area of the sound field, saving installation and wiring costs.
- Support alarm input, arming schedule, and audio linkage, support TTS speech synthesis and text broadcasting, with natural and smooth standard male and female dual audio options.
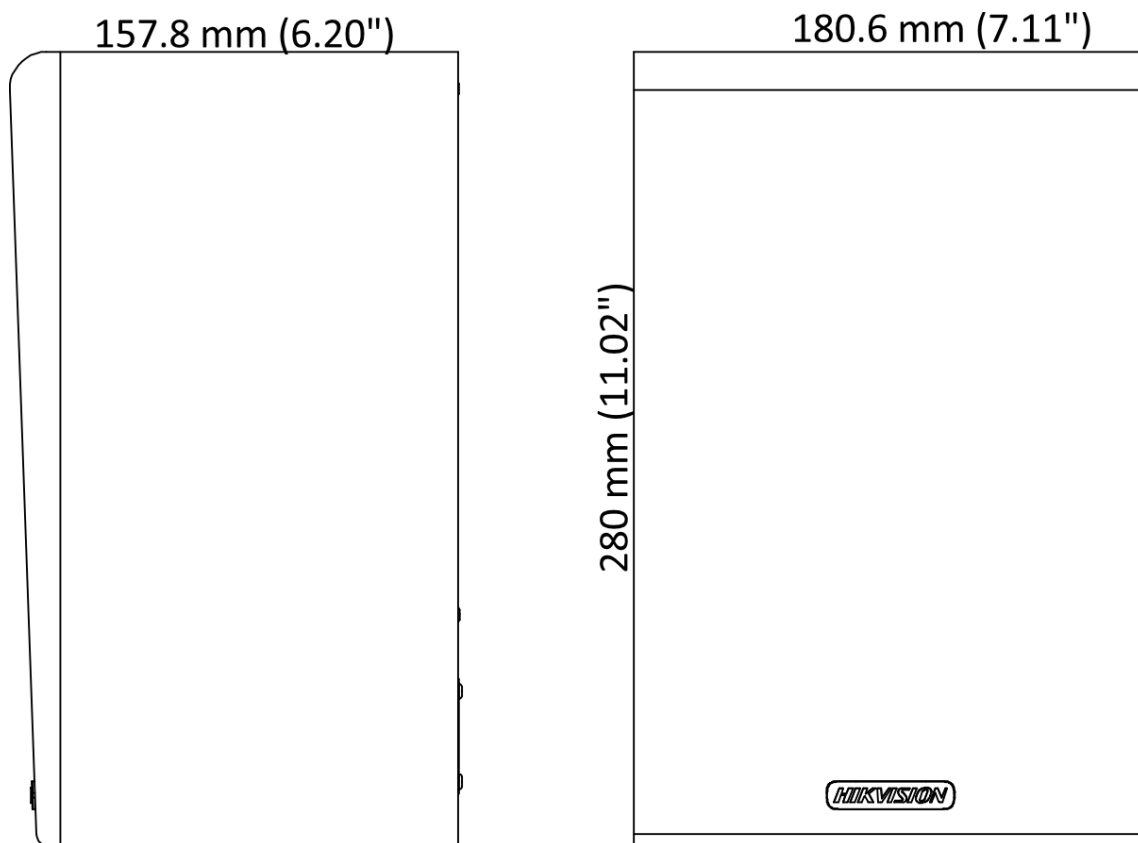- Used for meeting rooms, conferences and other public areas.

▪ Specification

Microphone	
Type	MEMS
Amount	2
Frequency Response	100 Hz to 20 kHz
Sensitivity	-42 dBV/Pa
Sampling Rate	48 kHz
Quantization Bits	16 bit
Speaker	
Rated Power	20 W
Impedance	8 Ω
Max. Acoustic Pressure	101 dBSPL
Sensitivity(1 m, 1 W)	90 dB
Direction	All directions
Frequency Response	100 Hz to 20 kHz
SNR	83 dB
Speaker Unit	Full frequency 5.25'' × 1
Function	
Audio Algorithm	AEC、AGC、ANS、DRC
Audio Bit Rate	G.711ulaw(64 Kbps)/G.711alaw(64 Kbps)/MP3(128 Kbps) Sampling bit width: 16 bits
Audio File Format	MP3, WAV
NTP Timing	Support
Broadcast	Regular broadcast, live broadcast, emergency broadcast
Two-Way Audio	Support
Speech Synthesis	Language Type: English, Russian, Spanish, Japanese, Thai, Portuguese (Brazil)
Network	
Network Protocol	IPv4, HTTP, HTTPS , SIP, SSL/TLS , DNS, NTP, TCP, UDP, IGMP, ICMP, DHCP, ARP, SSH
Interface Protocol (API)	ISAPI, ISUP, SIP, RTP,ONVIF
Client	Hik-Connect, ivms/4200, HikCentral Professional, Hik-Partner Pro, NVR, MileStone
Communication	
Communication Method	Support wired network and bluetoothcommunication
Interface	
Ethernet Interface	RJ45 10 M/100 M Adaptive Ethernet port × 1
Local Storage	Built-in 4 GB EMMC (Audio file storage is 1 GB.)
API	ISAPI, ISUP, SIP,ONVIF
Audio In	3.5 mm audio interface × 1 Voltage Input × 1，COM 100 V
LED Indicator	Green light on: normal Green light flash: intercom in progress Red light on: start or network disconnection Red light flash: upgrading
Reset	Support
Volume Knob	Support

General	
Power	24 VDC/1.5 A
Material	Wooden
Operating Temperature	-10 °C to 50 °C(14 °F to 122 °F)
Operating Humidity	< 90% (No condensation)
Language	9 languages: English, French, Spanish, German, Italian, Russian, Japanese, Thai, Portuguese (Brazil)
Dimension	180.6 mm × 156 mm × 280 mm(7.11" × 6.14" × 11.02")
Package Dimension	355 mm × 265 mm × 240 mm(13.98" × 10.43" × 9.45")
Weight	Approx. 2.5 kg (5.51 lb.)
With Package Weight	Approx. 3.64 kg (8.02 lb.)
Color	Black
Packing List	Device × 1 Adapter × 1 Screw pack × 1 Installation sticker × 1 Regulatory Compliance and Safety Information × 1
Bluetooth	Bluetooth 5.0, 10 m
Approval	
RF	CE-RED: EN 301489-1 V2.2.3 (BT or 2.4G), EN 301489-17 V3.2.4 (BT or 2.4G), EN 300 328 V2.2.2 (BT or 2.4G), EN62311 2020(BT or 2.4G) RCM: EN 300 328 V2.2.2 (BT or 2.4G), AS/NZS 2772.2:2016+A1:2018, ARPANSA RPS S-1 Radiation Protection Series S-1 (Rev.1), ARPANSA RPS S01 Advisory Note IC ID: RSS-247(BT or 2.4G) ANATEL: Resolution No. 680/2017,Act No. 14448/2017,Act No. 950/2018,Act No. 1120/2018
EMC	CE-EMC: EN 55032:2015+A11:2020+A1:2020, EN IEC 61000-3-2:2019, EN 61000-3-3:2013+A1:2019+A2:2021, EN 55035:2017+A11:2020 RCM: AS/NZS CISPR 32: 2015 IC: ICES-003: Issue 7
Safety	CB: IEC 62368-1:2014 CE-LVD: EN 62368-1:2014/A11:2017
Environment	CE-RoHS: 2011/65/EU WEEE: 2012/19/EU Reach: Regulation (EC) No 1907/2006

▪ Available Model
DS-QAZ1120G1-B

▪Dimension

157.8 mm (6.20")

180.6 mm (7.11")

280 mm (11.02")

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