DS-QAZ1120G1-B
Network Cabinet Speaker 20W

- 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.

▪ Specification

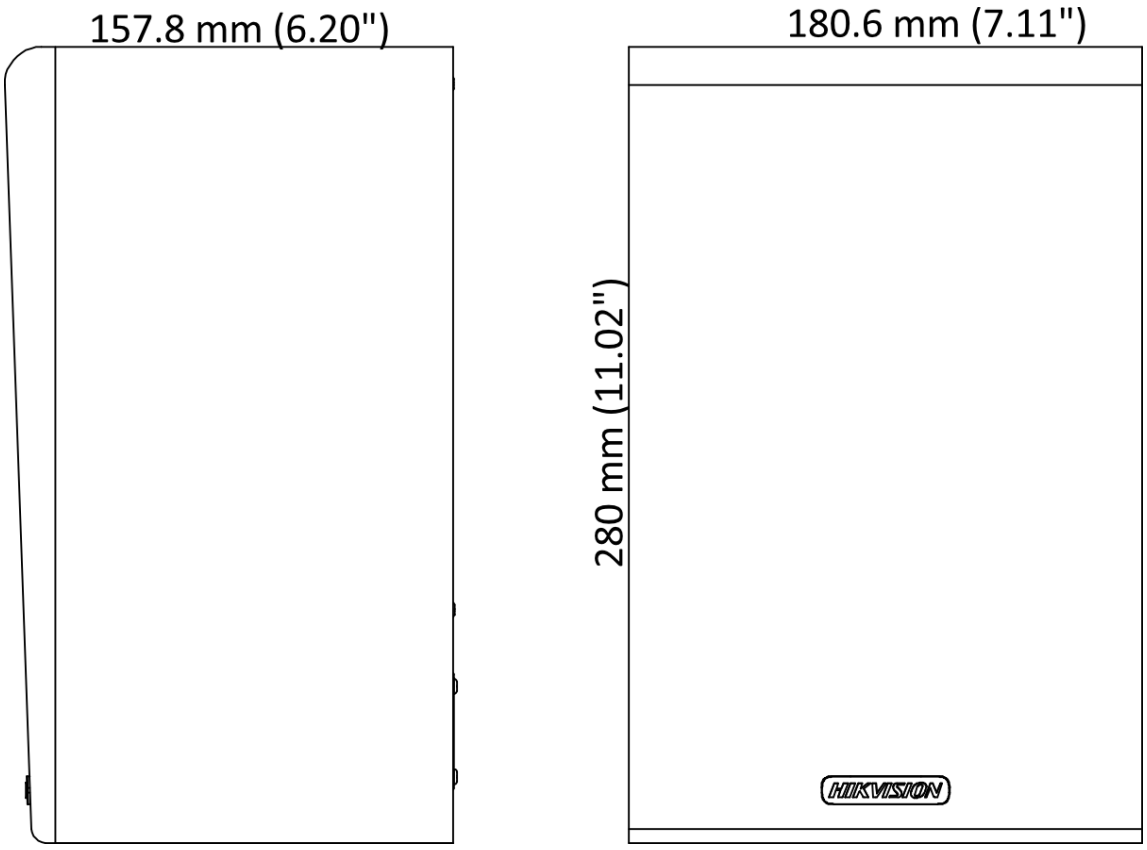
Microphone	
Type	MEMS
Amount	2
Frequency Response	100 Hz to 20 kHz
Sensitivity	-42 dBV/Pa
Sampling Rate	48 kHz
Quantization Bits	16 bit
Speaker	
Rated Power	20 W
Impedance	8 Ω
Max. Acoustic Pressure	101 dBSPL
Sensitivity(1 m, 1 W)	90 dB
Direction	All directions
Frequency Response	100 Hz to 20 kHz
SNR	83 dB
Speaker Unit	Full frequency 5.25'' × 1
Coverage Angle	Horizontal: 105° Vertical: 103°
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), Korean, French
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)
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
Language	41 languages: English, French, Spanish, German, Italian, Japanese, Thai, Russian, Portuguese (Brazil), Arabic, Bulgarian, Czech, Danish, Greek, Spanish (Mexico), Estonian, Persian, Finnish, Hebrew, Croatian, Hungarian, Indonesian, Kazakh, Korean, Kirgiz, Lao, Lithuanian, Latvian, Dutch, Norwegian, Polish, Portuguese, Romanian, Slovak, Slovenian, Serbian, Swedish, Turkish, Ukrainian, Uzbek, Vietnamese
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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