

## **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.

## ▪ Specification

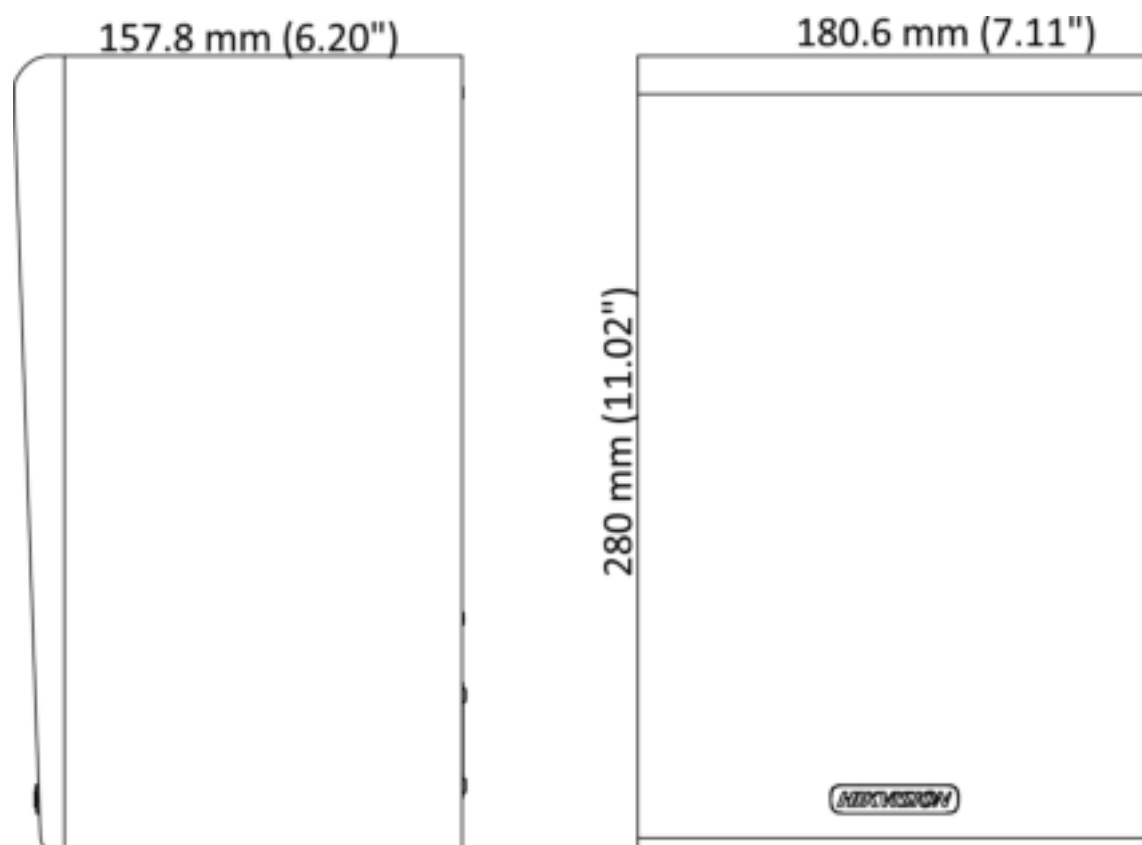
| Microphone               |                                                                                                                                                 |
|--------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| 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                                                                                                                                             |
| Sensitivity(1 m, 1 W)    | 90 dB                                                                                                                                           |
| Max. Acoustic Pressure   | 101 dBSPL                                                                                                                                       |
| 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)<br>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         | English                                                                                                                                         |
| 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 bluetooth communication                                                                                               |
| 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<br>Voltage Input × 1 , COM 100 V                                                                                     |
| Audio Out                | Fixed resistance output × 1 , phoenix terminal , 8 Ω                                                                                            |
| LED Indicator            | Green light on: normal<br>Green light flash: intercom in progress<br>Red light on: start or network disconnection<br>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              | 5 languages: English, French, Spanish, German, Italian                                                                                                                                                                                                                                                                                                                                                                |
| 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<br>Adapter × 1<br>Screw pack × 1<br>Installation sticker × 1<br>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)<br>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<br>IC ID: RSS-247(BT or 2.4G)<br>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<br>CE-LVD: EN 62368-1:2014/A11:2017                                                                                                                                                                                                                                                                                                                                                              |
| Environment           | CE-RoHS: 2011/65/EU<br>WEEE: 2012/19/EU<br>Reach: Regulation (EC) No 1907/2006                                                                                                                                                                                                                                                                                                                                        |

## ▪ Available Model

DS-QAZ1120G1-B

## ▪ Dimension



# See Far, Go Further



[www.hikvision.com](http://www.hikvision.com)  
[support@hikvision.com](mailto:support@hikvision.com)



© Hangzhou Hikvision Digital Technology Co., Ltd. Unless otherwise agreed, Hikvision makes no warranties, express or implied. We reserve the right to introduce modifications without notice.

**HIKVISION**