

**DS-QAZ1610G1-BE**  
**Network Frameless Ceiling Speaker PoE 10W**



- 1\* 1.0-inch tweeter and 1\* 6.5-inch woofer
- Rated Power: 10W
- 89dB Nominal Sensitivity
- 98dB@1m Rated Maximum SPL
- 120 Hz - 20kHz bandwidth
- protocol: ISAPI, ISUP, SIP
- White or black

## ▪ Specification

| Protocol                            |                                                                                                                                             |
|-------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| Network Protocol                    | IPv4, HTTP, HTTPS , SIP, SSL/TLS , DNS, NTP, TCP, UDP, IGMP, ICMP, DHCP, ARP                                                                |
| Microphone                          |                                                                                                                                             |
| Type                                | MEMS                                                                                                                                        |
| Amount                              | 2                                                                                                                                           |
| Frequency Response                  | 100 Hz to 10 kHz                                                                                                                            |
| Sensitivity                         | -38dBV/Pa                                                                                                                                   |
| Speaker                             |                                                                                                                                             |
| Impedance                           | 8Ω                                                                                                                                          |
| Rated Power                         | 10W                                                                                                                                         |
| Total Harmonic Distortion (THD)     | ≤1%                                                                                                                                         |
| Sensitivity(1 m, 1 W)               | 89dB                                                                                                                                        |
| Max. Acoustic Pressure              | 98dB                                                                                                                                        |
| Frequency Response                  | 120Hz~20kHz(-10dB)                                                                                                                          |
| Speaker Unit                        | 1 × 1.0-inch tweeter and 1 × 6.5-inch woofer                                                                                                |
| 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                                               |
| Speech Synthesis                    | Language Type: English, Russian, Spanish, Japanese, Thai, Portuguese (Brazil), Korean, French                                               |
| Audio                               |                                                                                                                                             |
| Number of Secondary Speaker         | AF Protocol : 0                                                                                                                             |
|                                     | AT Protocol : 0                                                                                                                             |
|                                     | BT Protocol : 4                                                                                                                             |
| Secondary Speaker Connection Method | Voltage Input                                                                                                                               |
| Interface                           |                                                                                                                                             |
| Alarm                               | Alarm in                                                                                                                                    |
| Network Interface                   | RJ45 10 M/100 M Adaptive Ethernet port × 1                                                                                                  |
| Local Storage                       | Built-in 64 GB EMMC (Audio file storage is 55 GB.)                                                                                          |
| Audio In                            | 3.5 mm audio interface × 1                                                                                                                  |
| LED Indicator                       | Solid green: normal working<br>Flashing green: intercom in progress<br>Solid red: start or network disconnection<br>Flashing red: upgrading |
| Reset                               | Support                                                                                                                                     |
| General                             |                                                                                                                                             |
| Power                               | 24 VDC ± 10%, 2.5 A, max. 60 W, PoE: 50 V to 57 V, 0 A to 1.6 A, max. 71 W                                                                  |
| Material                            | Main body: PC<br>Base: ABS                                                                                                                  |
| Dimension                           | Ø242.78 mm × 192.7 mm (9.56" × 7.59")                                                                                                       |
| Weight                              | Approx. 2.7 kg (5.95 lb.)                                                                                                                   |

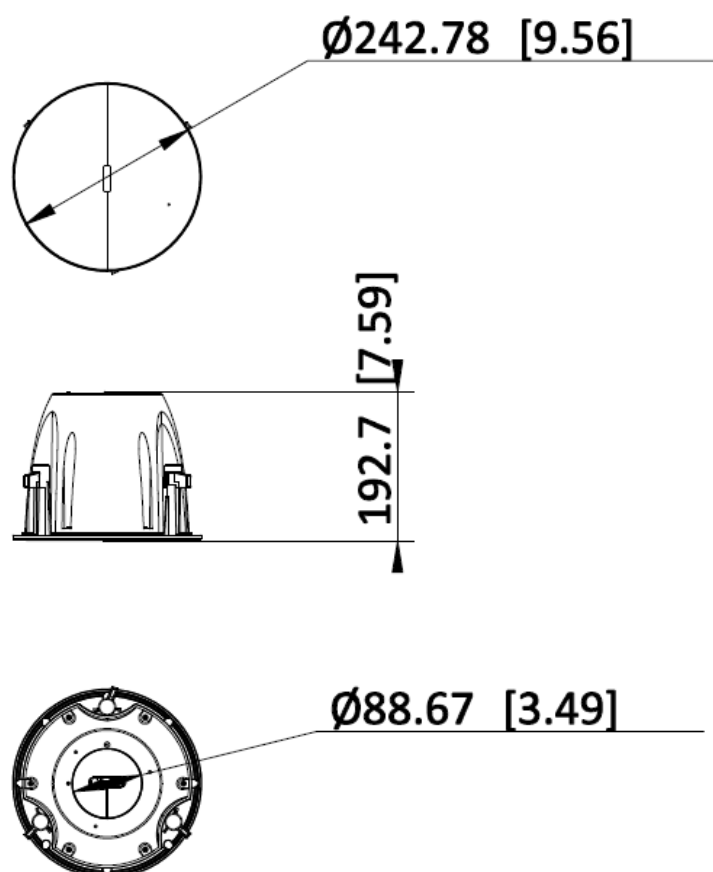
|                       |                                                                                                                                                                                                                                                                                                                                                                                                                     |
|-----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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 |
| Package Dimension     | 305 mm × 305 mm × 315 mm (12.01" × 12.01" × 12.4")                                                                                                                                                                                                                                                                                                                                                                  |
| With Package Weight   | Approx. 2.9 kg (6.49 lb.)                                                                                                                                                                                                                                                                                                                                                                                           |
| Packing List          | Device × 1<br>Regulatory Compliance and Safety Information × 1<br>2-pin phoenix connector × 1<br>4-pin phoenix connector × 1                                                                                                                                                                                                                                                                                        |
| Bluetooth             | Bluetooth 5.0, 10 m                                                                                                                                                                                                                                                                                                                                                                                                 |
| Operating Temperature | -10 °C to 45 °C                                                                                                                                                                                                                                                                                                                                                                                                     |
| Operating Humidity    | < 90% (No condensation)                                                                                                                                                                                                                                                                                                                                                                                             |

#### ▪ Available Model

DS-QAZ1610G1-BE

DS-QAZ1610G1-BE/BLACK

#### ▪ Dimension



Unit: mm [inch]

|       |     |
|-------|-----|
| SCALE | 1:1 |
|-------|-----|

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