# DS-QAE1DG1
# Network Decoder



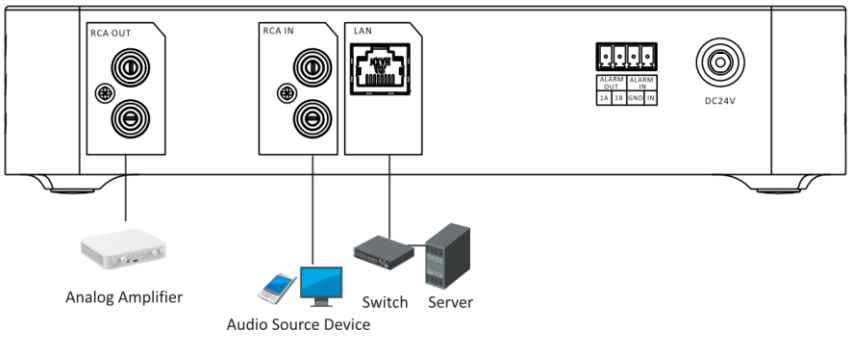
- Support 2 types of audio source input: microphone, and RCA
- Support 1 constant voltage output, 1 RCA output, 1 alarm input, 1 alarm output
- Support network connection and remote management through the network to achieve functions such as scheduled broadcasting, alarm linkage, TTS, etc

## ▪ Specification

| | |
|---|---|
| **Function** | |
| Audio Bit Rate | G.711ulaw ( 64 Kbps ) /G.711alaw ( 64 Kbps ) /MP3 ( 32K~320Kbps )<br>Sampling bit width: 16 bits |
| Speech Synthesis | Language Type: English, Russian, Spanish, Japanese, Thai, Portuguese (Brazil), Korean, French |
| Protection Function | Short circuit protection, overcurrent protection, over temperature protection, anti-static electricity protection, surge protection, electrical shock protection |
| **Network** | |
| Network Protocol | IPv4, HTTP, HTTPS , SSL/TLS , DNS, NTP, TCP, UDP, IGMP, ICMP, DHCP, ARP, SSH |
| Interface Protocol (API) | ISAPI, ISUP, RTP |
| Client | HikCentral Professional |
| **Audio** | |
| Rated Power | 6 W<br>24 VDC |
| Frequency Response | 80 Hz to 20 kHz ( ±3 dB ) |
| THD and SNR | THD: ≤1%<br>SNR: ≥100 dB |
| **Interface** | |
| Alarm | 1 alarm input<br>1 alarm output |
| Ethernet Interface | 1 RJ45 10 M/100 M adaptive Ethernet port |
| Local Storage | Built-in 4 GB EMMC (Audio file storage is 1 GB.) |
| Audio In | MIC 1: -20 dBV, 4 KΩ,unbalance, 6.35 mm jack<br>RCA in : 0 dBV, 5 KΩ, unbalance, RCA pin jack |
| Audio Out | RCA Out : 0 dBV, 100 Ω, unbalance, RCA pin jack<br>RCA Cascading: support a cascade of up to 3 amplifiers |
| LED Indicator | Power indicator (solid white): the device is normally working |
| Volume Knob | MIC Volume Knob × 1 |
| Power Interface | Aperture size: Ø2.0 mm |
| **General** | |
| Material | Plastic |
| 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 |
| Dimension | 190.8 mm × 230.8 mm × 51.2 mm (7.48" × 9.06" × 2.01") |
| Package Dimension | 362 mm × 280 mm × 100 mm (14.25" × 11.02" × 3.94") |
| Weight | ≈ 1496.2 g (3.3 lb.) |
| With Package Weight | ≈ 2456.2 g (5.4 lb.) |
| Color | White |

| | |
|---|---|
| Packing List | Device × 1<br>Power Adapter × 1<br>Power Cord × 1<br>Regulatory Compliance and Safety Information × 1 |
| Operating Temperature | -10 °C to 55 °C (14 °F to 131 °F) |
| Operating Humidity | < 90% (No condensation) |
| Power Consumption | Standby Consumption: 4.5 W<br>Annual Average Consumption: Max. Working Consumption: 4.5 W (based on the average playing time) |

## ▪ Wiring

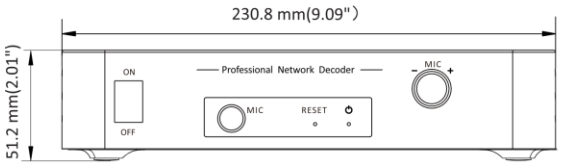


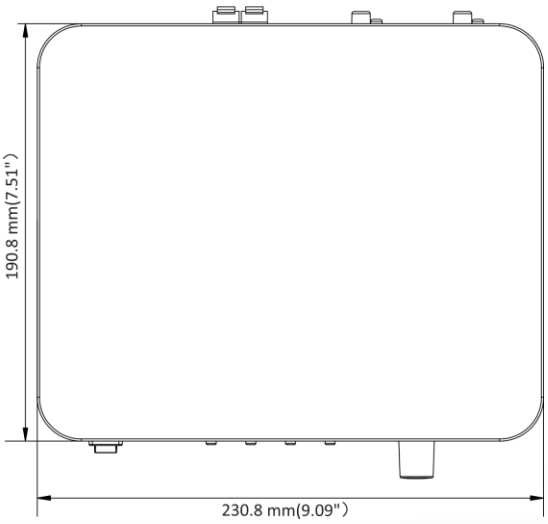

## ▪ Available Model

DS-QAE1DG1

DS-QAE1DG1/EN

## ▪ Dimension



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