

**DS-QAE1A80G1-VB/ST**  
**80W 2-Zone Network Amplifier**

- Support real-time and scheduled tasks, resume play, and audio material library management
- 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
- Support multiple types of audio source input: Bluetooth, USB flash drive, microphone, and RCA, with flexible and convenient operation
- Independent microphone volume control, 2-channel partition volume control
- Supports FM radio with an external antenna
- Support two-channel audio mixing output
- Support ISUP, EZVIZ Cloud and ISAPI protocol
- Adopt high-strength engineering plastics, sturdy and durable
- Integrated functional design, convenient and reliable

## ▪ Specification

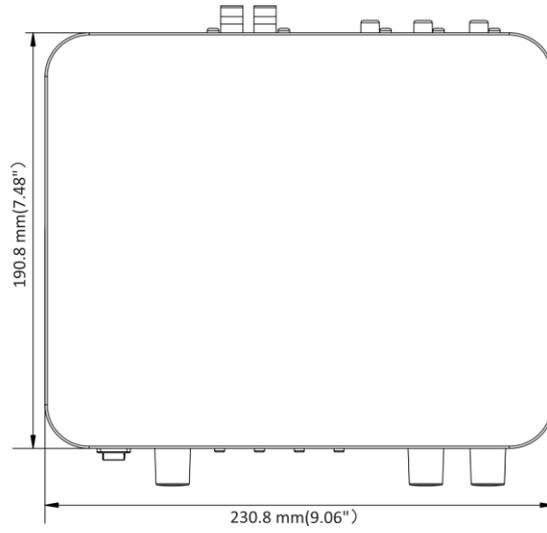
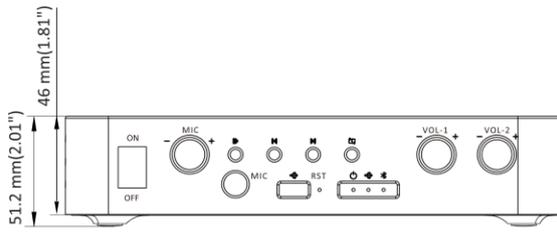
Function	
Audio Bit Rate	G.711ulaw ( 64 Kbps ) /G.711alaw ( 64 Kbps ) /MP3 ( 128 Kbps )
Speech Synthesis	Language Type: English,Russian,Spanish,Japanese,Thai,Portuguese (Brazil),Korean, French
Protection Function	short circuit protection, overcurrent protection, over temperature protection, anti-static 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
Audio	
Rated Power	80 W 24 VDC
Frequency Response	80 Hz to 20 kHz ( ±3 dB )
THD and SNR	THD: ≤1% SNR: ≥100 dB
Interface	
Alarm	1 alarm input 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: -28 dBV, 3.75 KΩ, unbalanced, 6.35 mm jack, supports dynamic microphone connection USB 2.0 × 1 RCA in 1-2: 0 dBV, 5 KΩ, unbalance, RCA pin jack Bluetooth
Audio Out	Constant Voltage Output × 2 , 100 V COM RCA Out 1-2: 0 dBV, 100 Ω, unbalance, RCA pin jack RCA Cascading: support a cascade of up to 3 amplifiers
LED Indicator	Power indicator (solid white): the device is normally working USB flash drive indicator (solid white): the device is in USB mode Bluetooth indicator (solid blue): the device is in Bluetooth mode
Volume Knob	MIC Volume Knob × 1 , Partition 1 Volume Knob × 1 , Partition 2 Volume Knob × 1
USB	USB 2.0/3.0. File format: FAT32, maximum capacity: 128 GB. FAT32 file system: maximum partition size: 128 GB, maximum file size: 4 GB.
Power Interface	Aperture size: Ø2.0 mm

Antenna Interface	<p>The FM function of the network amplifier only takes effect when used with an FM antenna, which needs to be purchased separately.</p> <p>Antenna: FM Antenna; Working Frequency: 64 to 108 MHz; Impedance: 50 Ω; Polarization: Linear Polarized; Interface: SMA; Cable Length: 1 m; Overall Dimensions: Ø28 × 316 mm; Waterproof Level: IP65</p> <p>FM antenna installation requirements: Place the antenna at least 1 meter above the device, keeping it vertical to the ground. Ensure no metal obstructions nearby, and avoid crossing the antenna cable and the device's network cable to prevent signal interference.</p>
<b>General</b>	
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 Power Adapter × 1 Power Cord × 1 Regulatory Compliance and Safety Information × 1
Bluetooth	Bluetooth 5.0 , 10 m
Operating Temperature	-10 °C to 55 °C (14 °F to 131 °F)
Operating Humidity	< 90% (No condensation)
Power Consumption	Standby Consumption: 4.5 W Annual Average Consumption: Max. Working Consumption: 90 W (based on the average playing time)

### ▪ Available Model

DS-QAE1A80G1-VB/ST

### ▪ Dimension



# See Far, Go Further



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

