DS-QAE1A80G1-VB
80 W Network Amplifier

- Supports 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

- 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） Sampling bit width: 16 bits
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	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个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 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 and EXFAT, maximum capacity: 128 GB. FAT32 file system: maximum partition size: 128 GB, maximum file size: 4 GB. EXFAT USB flash drives support single files lager than 16 EB.
Power Interface	Aperture size: Ø2.0 mm
General	
Material	Plastic
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

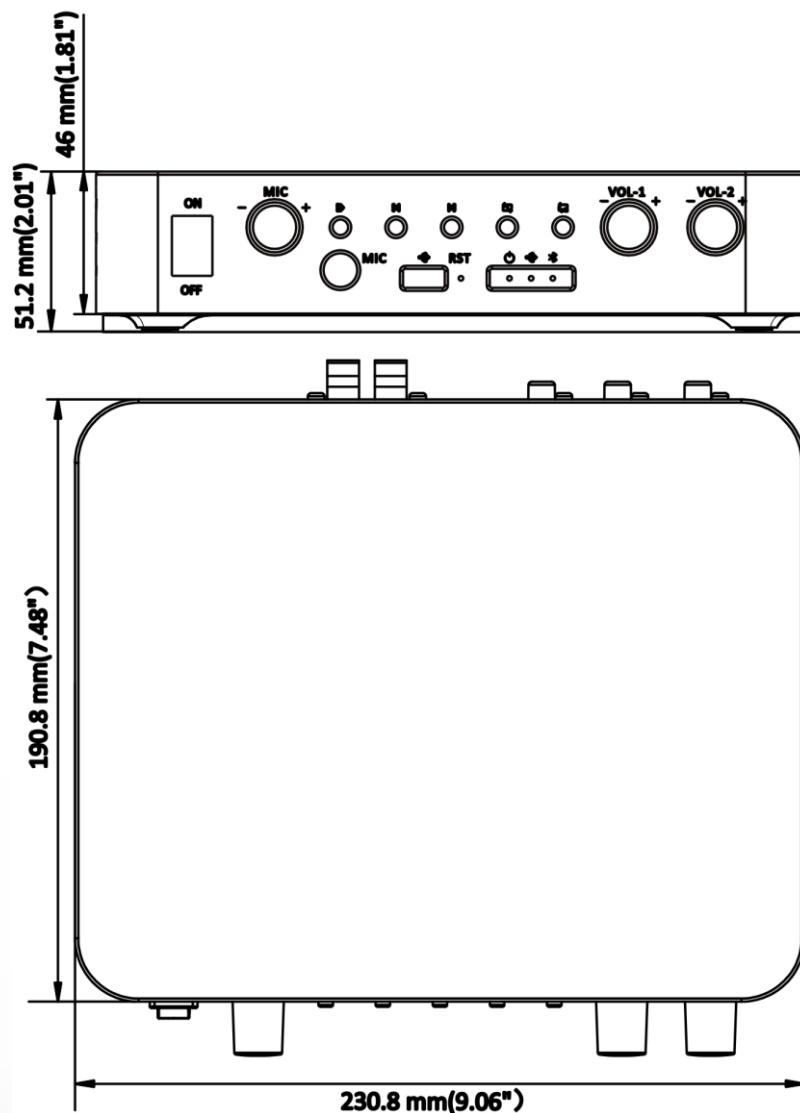| Packing List	Device × 1
	Power Adapter × 1
	Power Cord × 1
	Regulatory Compliance and Safety Information × 1
Bluetooth	Bluetooth 5.0 , 10 m
Operating Temperature	-10 °C to 55 °C (14 °F to 131 °F)
Operating Humidity	< 90% (No condensation)
Power Consumption	Standby Consumption: 4.5 W
	Annual Average Consumption: Max. Working Consumption: 90 W (based on the average playing time)

*1. Speech synthesis is only supported by Channel 1.
*2. This device can only be safely used in the region below 2,000 meters above the sea level.

▪ **Available Model**

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▪ **Dimension**

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