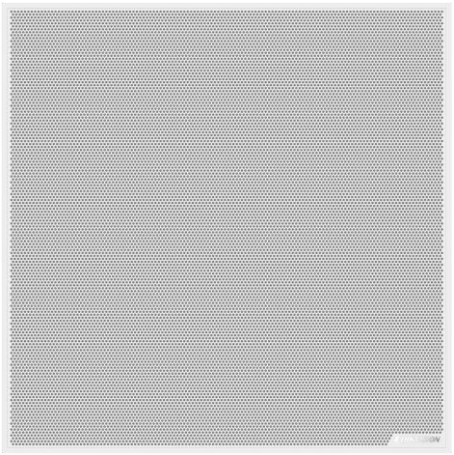
DS-QAPMCU128
128 MIC Network Ceiling Array Microphone





- Sound reinforcement pickup radius is 3 m, video conference pickup radius is 5 m
- 8 audio collection areas, allowing you to adjust the areas and set area priorities to ensure sound collection
- Support 48 kHz/24-bit high sampling rate, providing more authentic sound
- Support intelligent noise reduction algorithms, effectively solving various transient noise interference in the environment
- Support audio processing algorithms such as AEC, AFC, AGC, and EQ adjustment, and can support local amplification, remote conference, etc.
- Support AES67 international standard transmission protocol (subsequent versions will support AES67 third-party compatibility), effectively ensuring low-latency and high-synchronization transmission for the network audio system
- Support device activation, network setting, routing setting, parameter setting, and other related operations via audio assistant tool
- Support 1-channel LINE IN/2-channel LINE OUT analog interfaces, which can be used with analog audio systems.
- Support power supply and audio transmission via POE network cables, making installation and wiring more convenient

▪ Specification

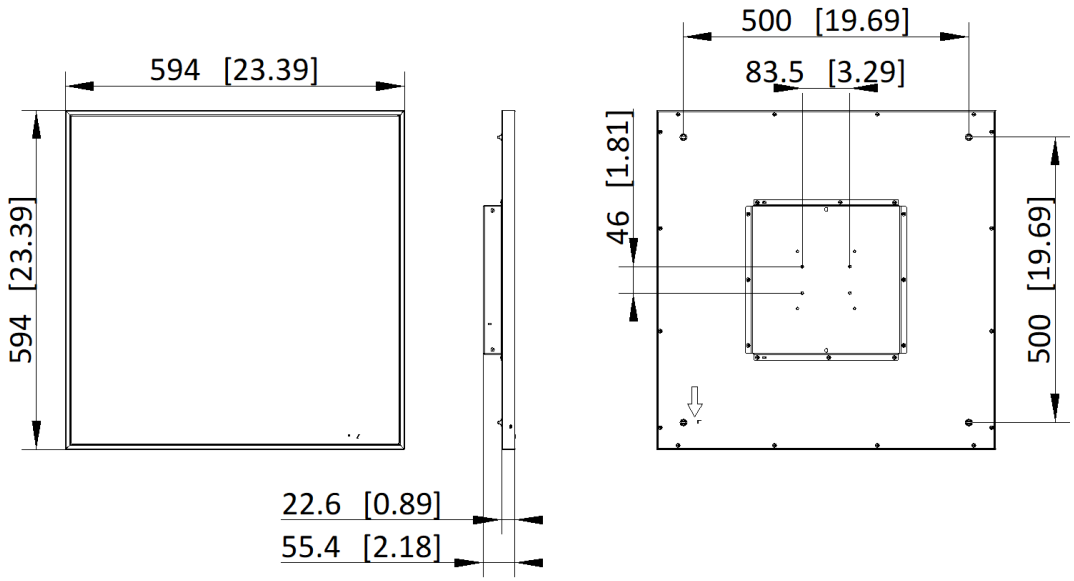
Microphone	
Type	MEMS
Amount	128
Frequency Response	20 Hz to 20 kHz
Sensitivity	-38 dBv
SNR	68 dB
Sampling Rate	48 kHz
Dynamic Range	104
Acoustic Overload Point (AOP)	130 dBSPL
Total Harmonic Distortion (THD)	< 1%
Quantization Bits	24 bit
Function	
Audio Algorithm	COMP, Delay, Mixing, ALC, PEQ, Noise Gate, Beam Control
Audio Bit Rate	RTP 768000 bps, AES67 1152000 bps
Protection Function	Power Reverse Protection, Overcurrent Protection, Overvoltage Protection
Network	
Network Protocol	AES67, TCP/IP, ICMP, HTTP, HTTPS, DNS, RTP, RTSP, RTCP, NTP, QoS, UDP, SSL/TLS, IEEE1588
Interface Protocol (API)	OTAP
Network Security	Password protection, complicated password, HTTPS encryption, basic and digest authentication for HTTP/HTTPS, security audit log, TLS 1.2/1.3
Interface	
Network Interface	RJ45 1000 M Ethernet port × 1
Local Storage	Built-in 32 GB EMMC × 1, 2 GB DDR4 × 1
Audio In	LINE IN × 1, green phoenix terminal
Audio Out	LINE OUT × 2, green phoenix terminal, network output
LED Indicator	Light off: The device is not powered on. The program is not started. Breathing White: The device is powering on and initializing. Solid White: The device is running normally. Flashing White (10 times): Device recognition is in progress (when there are multiple devices in the system, click Identify Device on the client. Flashing Red: Device fault. Solid red: Device mute.
Reset	Support
Compatibility	
System Requirement	Recommended system configuration for Audio Assistant Tool: Operating System: Windows(R) 10 (recommended), Compatible with Windows(R) 7 / Windows(R) 8.1 / Windows(R) 11 CPU: Intel(R) i3-9100@4.2 GHz or above RAM: 4 GB and above Video Card: GT1030 D5 HDD: 20 GB Display: 1920 × 1080 and above

General	
Power	DC 12 V, 2 A, max. 24 W; PoE：at
Material	Metal
Dimension	594.0 mm × 594.0 mm × 55.4 mm (23.39" ×23.39" × 2.18")
Weight	Approx. 6 kg (13.2 lb.)
Operating Condition	-10 °C to 50 °C (14 °F to 122 °F). Humidity 90% or less (non-condensing)
Package Dimension	710 mm × 137 mm × 745 mm (27.95" ×5.39" × 29.33")
With Package Weight	Approx. 9.2 kg (20.3 lb.)
Color	White
Installation	Ceiling-mounting (600 mm × 600 mm suspended ceiling), Pendant mounting (wall thickness ≥ 60 mm)
System Language	English
Mounting Bracket	Included: Crossbar Bracket, Safety Rope, Lifting Rope

▪ Available Model

DS-QAPMCU128

▪ Dimension



Unit: mm [inch]

SCALE	1:2.5

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