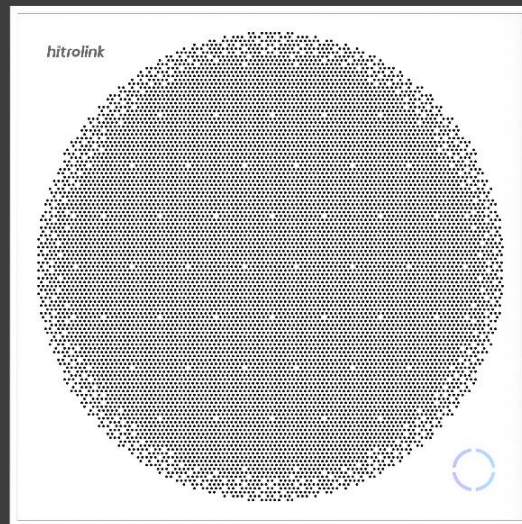# HTI-ACM200
Ceiling Microphone

hitrolink

HTI-ACM200 is a ceiling microphone with 91 MEMS microphones, and also a ceiling pickup solution for video conferencing and indoor audio closed-loop. 91 MEMS microphones and deep sidelobe beamforming pick up sound for up to 12 independent lobes, and 12 lobes can be switched adaptively. HTI-ACM200 will ensure that every word is clear after being processed by advanced noise reduction, echo cancellation, reverberation suppression, automatic gain and other algorithms. The HTI-ACM200 can be cascaded through the POE network cable, and can support up to 8 cascades. HTI-ACM200 supports rope hoisting, VESA bracket hoisting, can be embedded in the ceiling or ceiling, flexible and beautiful deployment, and is suitable for the diverse venue environment.

In addition, will the use of HTI-ACM200 in combination with the audio processor HTI-AP100, desktop controller HTI-ACT100, and speaker HTI-ACS100/HTI-AWS100 form a fully closed loop conference room audio solution, which simplifies the configuration and deployment.

FEATURES SPOTLIGHT

- 91 MEMS Microphone Array
- 12 Independent Lobes，switched adaptively
- Support up to 8 cascades with POE cable
- Effective pickup range:10m *10m
- AI Noise Suppression
- Local Sound Reinforcement/Remote Conference/ Hybrid Mode
- Unified Interface USB 2.0
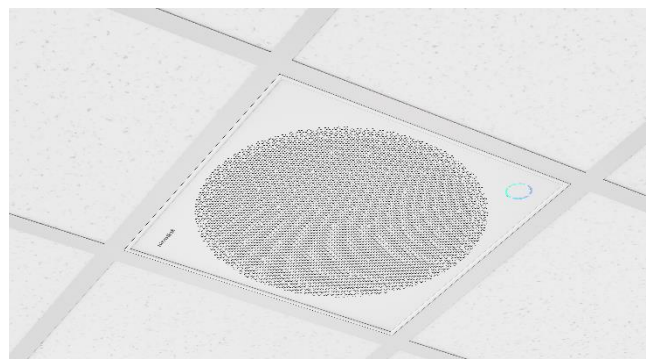
SPECIFICATION

Microphone

Microphone Type	91 Units MEMS Microphone
Position	Omnidirectional
Effective Pickup Range	10m*10m(33ft*33ft)
Sensitivity	-38dBFS 94dB SPL@1kHz
S/N	63dBA/Pa 94dB SPL@1kHz, A-weighted

Audio

Beamforming	12 Deep Sidelobes Beamforming
Pickup Beams Switching	Adaptively
AGC	Support
Full-Duplex	Support
Echo Cancellation	Support
Howling Suppression	Support
Reverberation Suppression	Support
Smart Reverberation	Support
Background Noise Suppression	Support

Daisychain

Mode	POE via UTP cable(CAT6)
Number	Maximum daisy-chain 8 unites

Connectivity

RJ45 Ethetnet Ports	2
Reset	1

Structure

Material	Alufer
Color	White
Product Dimensions	603*603*45.4mm(23.74*23.74*1.79 inches)
Package Dimensions	719*713*105mm (28.31*28.07*4.13 inches)
Net Weight	6.5KG
Gross Weight	8.46KG
Installation	Suspended/VESA Mounted/Flush Mounted

Environment

Operating Temperature	0 °C ~+50 °C
Operating Humidity	20%~80% (Nocondensing)
Storage Temperature	−10 °C ~ +60 °C
Storage Humidity	5%~95% (Nocondensing)

Packing List

HTI-ACM200	1
10m UTP cable(CAT6)	1
Accessory Package	1

INSTALLATION

Suspended

VESA Mounted
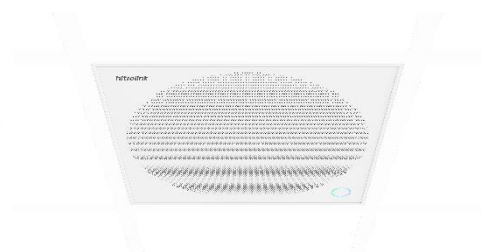
Flush Mounted

DIMENSIONS (mm[inch])

603[23.74]

60.3[23.74]

45.4[1.79]
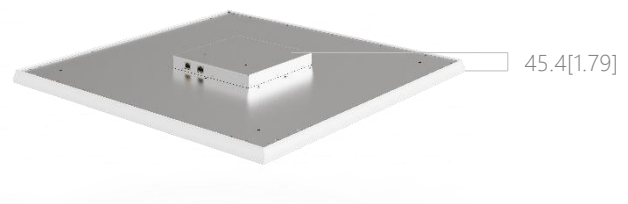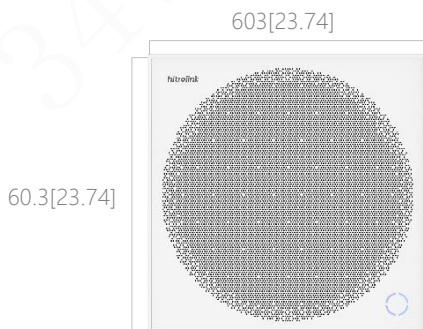
HTI-AP100
Digital Audio Processor

Hitrolink digital audio processor, center brain for ceiling microphone system, it provide strong AI audio processor algorithm and power supply for ACM200 ceiling microphone and speaker. And it support various interface and standard protocol to connect third party devices.

FEATURES SPOTLIGHT

- 3A audio algorithm supported
- AI processor to build balance audio conference environment
- 10*audio line in/out for extra speaker system demand
- Support 8 cascaded microphone power supply
- Small size for flexible installation

SPECIFICATION

Connectivity

Speaker Interface	Phoenix*8
Line In	3.5mm analog in
Line Out	3.5mm analog out
TRS	6.35mm analog in
Controller	RJ45 connect to HTI-ACT100
Array Mic	RJ45 connect to Hitrolink ceiling microphone
USB-B	TypeB 2.0
USB-A	TypeA 2.0
Reset	Reset button

Power

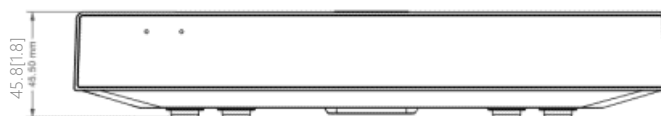|	
Input	AC 100-240V，50/60Hz
Output	DC 48V/5A

General

Product Dimensions	255.4*163.8*45.8mm(10.05*6.45*1.8inches)
Package Dimensions	325*200*117 mm(12.80*7.87*4.61inches)
Gross Weight	2.15kg

Certification

Certification	CE/FCC

DIMENSIONS (mm[inch])

163.8[6.45]

255.4[10.05]

Top View

45.8[1.8]
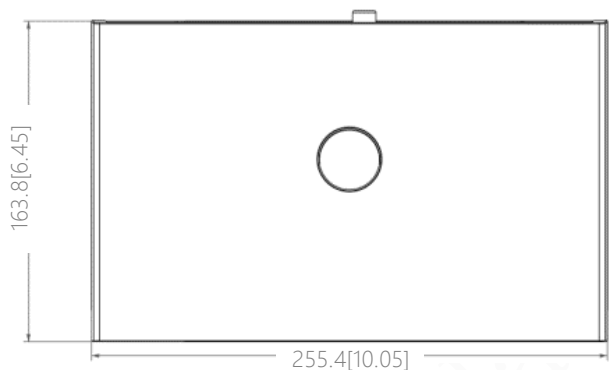
Front View

HTI-ACT100
Digital Audio Processor

Hitrolink controller for ceiling microphone, its exquisite and concise appearance is a good choice for your conference table, podium. It supports to control microphone mute, mode switch and speaker volume with finger touch.

FEATURES SPOTLIGHT

- Smooth touch experience
- Convenient Poe connection
- Comfortable and clear light blue indicator
- Plug and play design without pairing needed

SPECIFICATION

Button

+	Increase speaker volume
-	Decrease speaker volume
Microphone	Mute
Mode Switch	Local sound reinforcement, remote conference

Connectivity

RJ45 Ethernet Ports	Connect to HTI-AP100

General

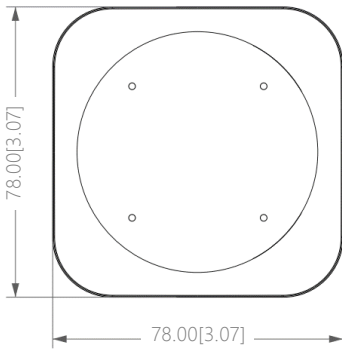|	
Product Dimensions	78*78*15.4mm(3.07*3.07*0.61inches)
Package Dimensions	112*112*55mm(4.41*4.41*2.17inches)
Gross Weight	0.26kg

Certification

Certification	CE/FCC

DIMENSIONS (mm[inch])

Top View

Bottom View

Back View

Hitrolink

overseas@hitry.com   www.hitrolink.com   Hitrolink
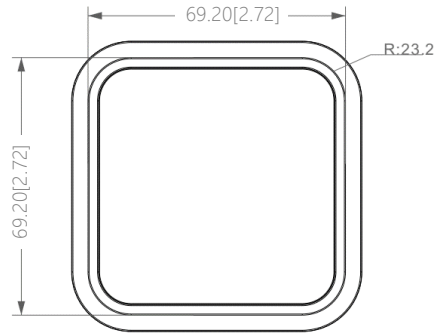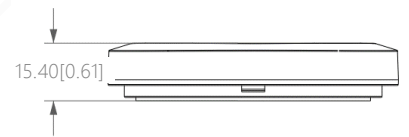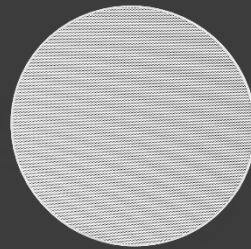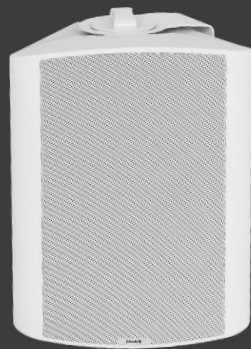
HTI-AWS100 Wall-Mounted Speaker
HTI-ACS100 Ceiling Speaker

hitrolink

Hitrolink wall-mounted and ceiling speaker, support remote meeting and local amplification, integrated with ceiling microphone and digital audio processor to build a complete audio system for your conference

FEATURES SPOTLIGHT

- Stable and clear local amplification
- Simple installation
- Clean and typical appearance style
- Two speaker type selection
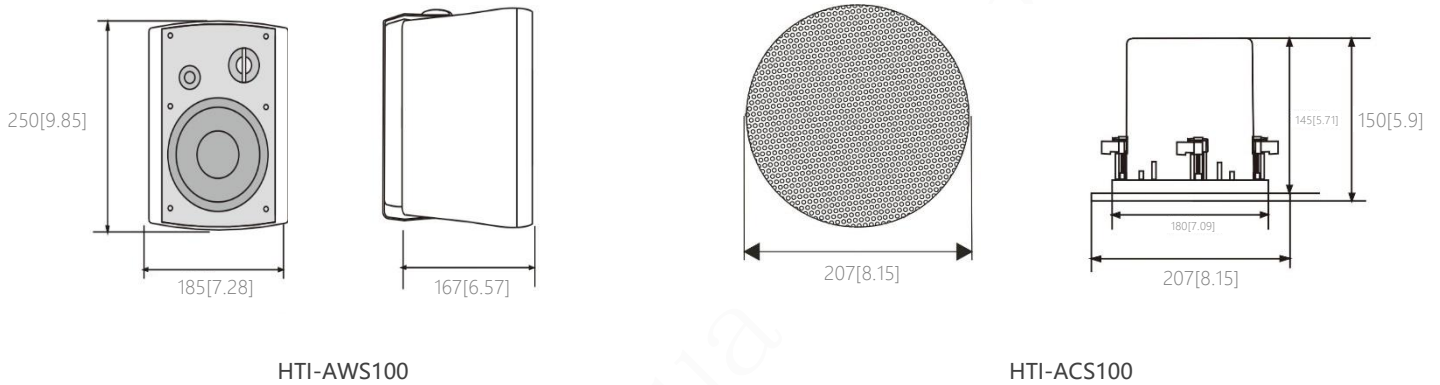- Ceiling microphone integration

SPECIFICATION

HTI-AWS100

Rated Output Power	15W
Effective Frequency Range	0-20KHZ
Volume	88±3dB @1m
THD	<5%
Product Dimensions	185*167*250mm (7.28*6.57*9.85inches)
Package Dimensions	270*270*205mm(10.98*10.98*8.07inches)
Gross Weight	2.6kg
Certification	CE/FCC

HTI-ACS100

Rated Output Power	15W
Effective Frequency Range	0-20KHZ
Volume	88±3dB @1m
THD	<5%
Product Dimensions	207(Ø)*150(H)mm (8.15*5.91inches)
Package Dimensions	270*270*205mm(10.98*10.98*8.07inches)
Gross Weight	2.7kg
Certification	CE/FCC

DIMENSIONS (mm[inch])

HTI-AWS100

HTI-ACS100