AI Ceiling Array Microphone DMC500

User Manual

Front

Bottom

Interfaces

Fixed Metal Bracket
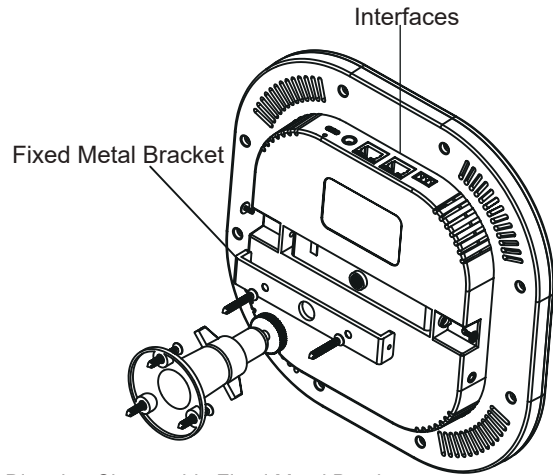
Direction Changeable Fixed Metal Bracket

Package List
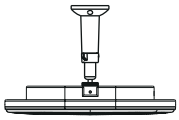
1. DMC500

2.Phoenix socket

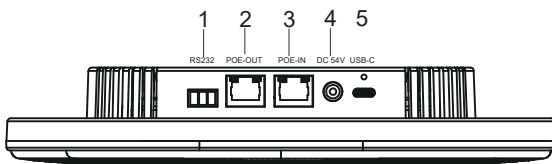3. Remote controller

4.RJ45 cable

5.Power adaptor (optional)

6.USB-C cable

7.User manual

Interfaces Specification

1   2   3   4   5

RS232 POE-OUT POE-IN DC 54V USB-C

6

AUX IN

7

AUX OUT

1.RS232：Control external camera, compatible with VISCA/PELCO-D protocol camera
2.POE-OUT：Support long distance power supply and data transmission, connect to POE-IN of next DMC500
3.POE-IN：Support long distance power supply and data transmission, connect to Network Switch
4.DC 54V：Power adaptor 54V
5.USB-C：USB data transmission, connect to PC
6.AUX-IN：Audio input
7.AUX-OUT：Audio output
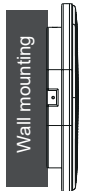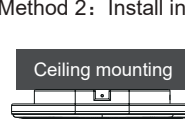
Installation Instruction

Note: When installing, it is necessary to drill holes in the wall, insert the expansion bolts into holes, and finally lock and fix them with screws.
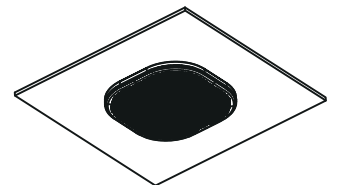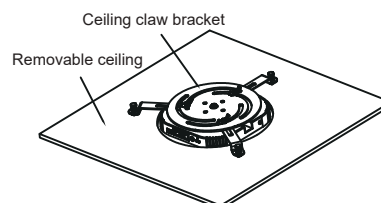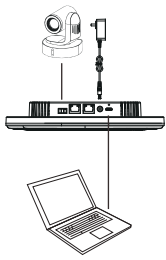
Method 1 : Rotable Installation

Wall mounting

Ceiling mounting
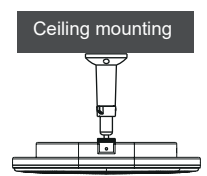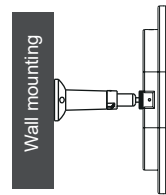
Method 2：Install in a fixed direction

Ceiling mounting

Wall mounting

Method 3：Flush mounting

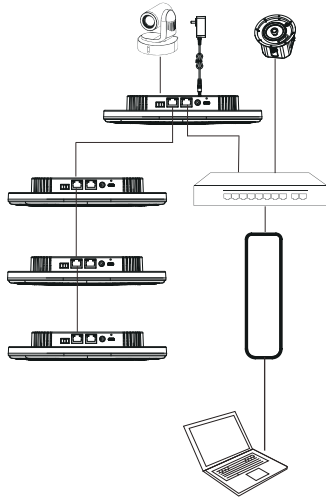Ceiling claw bracket

Removable ceiling
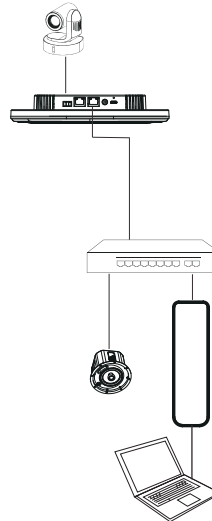
Application Solution
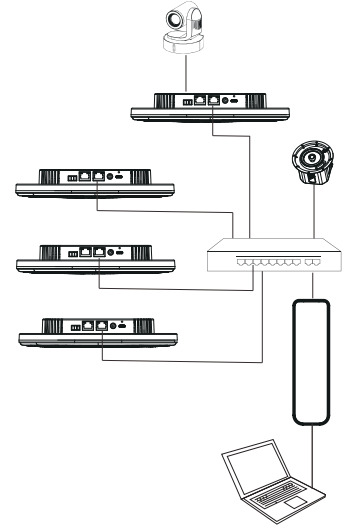
1. One Unit-DMC500 application with power adapter

2. Multiple DMC500s concatenation uses a power adapter and is applied in series

3. One Unit-Application in PoE network

4. Multiple DMC500s can be cascaded and used in parallel in POE network

Product Parameters

Audio Parameters

Sensitivity:-26dBFS
Signal Noise to Ratio:＞95dB
Frequency Response: 50Hz-22KHz
Sampling Rate:48kHZ HD broadband audio sampling
Voice Pickup Distance:8 meters
Echo Cancellation: Support
Noise Elimination:Support
Auto Gain Control: Support
Microphone Type: MEMS
Microphones Array:20pcs

Other Parameters:

Product Dimension: 238.6*238.6*43mm
Package Dimension: 315*281*119mm
Power Supply: Adaptor DC54V or POE power supply

Attentions

This manual introduces the functions, installations and operations for this device in details.
Please read this manual carefully before installation and use.
1.To prevent damage to this product or any product connected to it, this product can only be used within the specified range.
．Do not expose the product to rain or moisture.
．To prevent the risk of electric shock, do not open the case. Installation and maintenance should only be carried out by qualified technicians.
．Do not use the product beyond the specified temperature, humidity or power supply specifications.
2.Electrical Safety. Installation and use of this product must strictly comply with local electrical safety standards.
3.Avoid damage to the product caused by heavy pressure, strong vibration or immersion during transportation, storage and installation.
4.Install with Caution.
．Housing of this product is made of organic materials. Do not expose it to any liquid, gas or solids which may corrode the shell,do not power on before completing installation.
5.Do not Disassemble the Product without Permission. This product contains no parts which can be maintained by the users themselves. Any damage caused by dismantling the product by the user without permission is not covered by warranty.

Warranty

Terms of warranty

Repair of defects in materials and workmanship will be free of charge to retail customers purchasing a conferencing system, subject to or excluded from the terms listed below.

Warranty period

The warranty period is from the date of sale. During the warranty period, if the following conditions are found, the warranty will be void: the product is not stored or used in a reasonable manner or as recommended in the user manual, and is damaged or modified by any modification kits, components, or accessories not sold by the company , modification or use of this product by an agent not authorized by this company to repair defects or malfunctions covered by the warranty.

Warranty content

This warranty applies to the conference system and all standard accessories, but does not include paper items such as storage card packaging and manuals.

User-Generated Data

This warranty does not apply to loss or damage to user-generated data that may be stored in your product (including, but not limited to, product numbers, addresses).

Process for Obtaining Warranty Service

If the product purchased by the customer requires warranty, the customer can mail the device and the customer's proof of purchase (such as a copy of the sales invoice) to your equipment dealer.

Before mailing the goods, we recommend that the customer back up the data in case of any trouble like lost or damaged during the repair process.