

GA-612

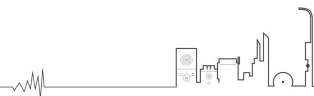
MEMS Noise Detection Controller



SPON MEMS Noise Detection Controller GA-612 based on the technology of 32 MEMS microphones formation Noise detection system, this device is able to distinguish precisely the noise and its location.

MAIN FUNCTIONS

- 1.A passive sonar array composed of 32 MEMS microphones arranged in a random configuration.
- 2.Advanced beam-forming technology
- 3.Waterproof and dustproof design, equipped with a built-in rain cover, protection rating Ip66.
- 4.Integrated installation design of array and snapshot camera.



SPECIFICATION

Power Parameters

Power Supply: DC12V/2A

Standby Power Consumption:≤10W

Audio Parameters

Microphone Type:MEMS

Number of Microphones:32

Measurable SPL Range:30dB~130dB

Coverage Range:10~50meters(Longitudinal), 5 Lanes(Lateral)

Network Parameters

Network I/F:RJ45 100 Mbps

Network Protocol:HTTP, TCP/IP, UDP

Configuration Method:Web Interface

Mechanical&Environment Properties

Mounting Method:Bracket Mount

Installation Environment:Outdoor Locations

Operating Temperature:-20℃~+70℃

Operating Humidity:≤90% RH non-condensing

Surge Protection Level: 4KV

IP Protection Level:IP66

Body Material:Stainless Steel

Color:Silver

Product Dimensions:321*60*240mm

Product Weight:3.9kg

Product Warranty:2 Years

Accessories

2×Terminal Connectors (3.81-2P)

1×Installation Bracket

4×Internal Hex Screws (M5*12, Three Combinations)

1×Waterproof Tail Wire Connectors

2×Terminals (WS2.5-QU)

1×Baffle (D-WS2.5)

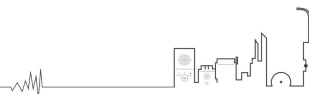
1×Fixing Piece (E-WS)

2×External Hex Bolts (M6*20, three combinations, with nuts)

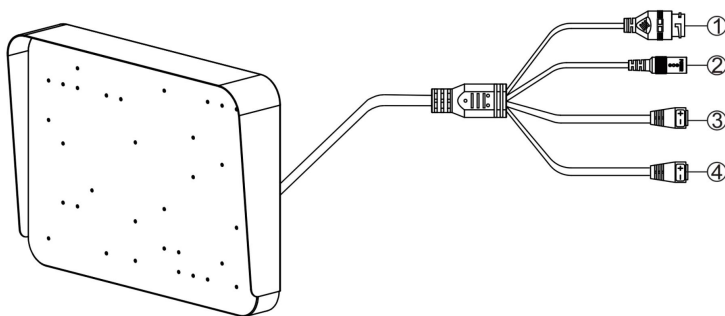
1×Quick Installation Guide

1×Quality Certificate

1×Warranty Card



INTERFACE DESCRIPTION



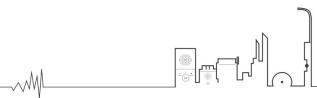
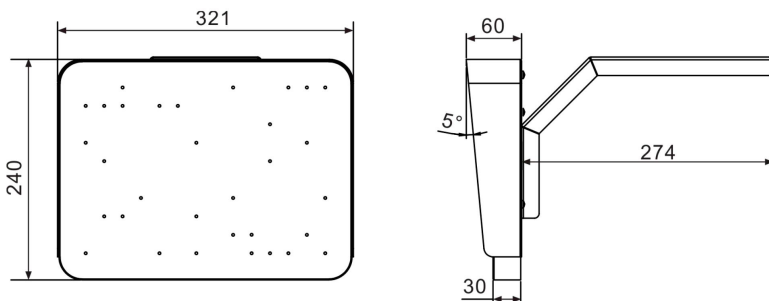
①Network Port:To connect with Ethernet Switch.

②Power Input Port:DC12V Power Supply.

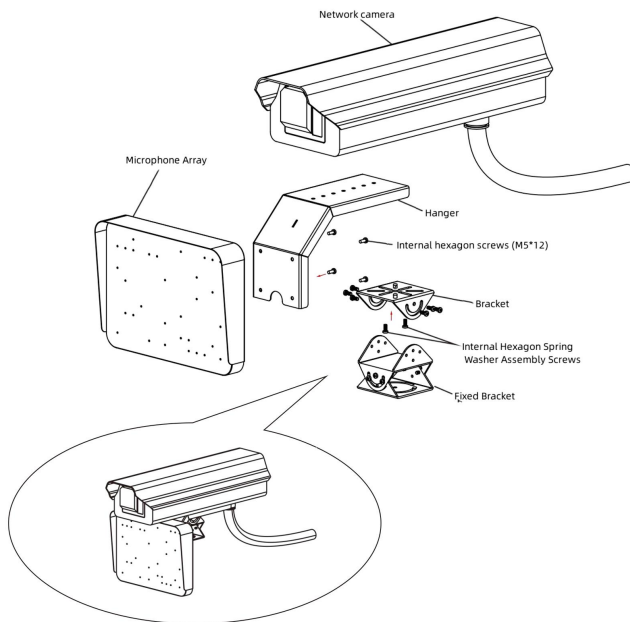
③Black Terminal:Reserved.

④Green Terminal:Reserverd.

INTERFACE DESCRIPTION



INSTALLATION



Installation Instructions:

1. Use 4 internal hexagon screws (M5*12) to secure the bracket to the centralized passive sonar array.
2. Use 2 internal hexagon spring washer assembly screws to pass through the bottom of the support and secure the centralized passive sonar array to the network camera.
3. Attach the fixed bracket to the support, adjust the angle, and secure it from both sides using 3 internal hexagon spring washer assembly screws on each side.
4. Secure the fixed bracket along with the assembled equipment onto the crossbar using two M6*20 bolts.

