

# DS-2FP4021-B

Digital Noise Reduction Microphone

## Function Features:

- Adopt ECM microphone array, allowing you to enjoy the 360° full range of broadband voice as far as 10 meters;
- Embedded DSP audio processor realizes the audio system with abundant functions;
- Adaptive Active noise cancellation algorithm, realizes unparalleled clear voice;
- Adapt to high-end meetings, professional recording, security protection and interrogation applications ;
- Full metal structure and surrounding screen structure design with LED indicator light;
- Embedded pre-amplification electrical appliances can directly drive active loudspeakers and headsets;
- Comply with RoHS standard, and exclude harmful substances prohibited by the EU in structure;
- Have passed the EU CE standard, US FCC certification.

## Order Model:

DS-2FP4021-B

## Appearance Picture:



## Technical Parameters:

Model	DS-2FP4021-B
Parameters	Digital Noise Reduction Microphone
Microphone	ECM Microphone Array, -41dB
Pickup Scope	60 m2 / continuously adjustable
Gain Adjustment Scope	30dB/ continuous
Pickup Direction	Full Directions /360°

Frequency Response	100Hz~16KHz (1kHz@94Db SPL)
Signal Processing	DSP Processor
Sampling Frequency	32K
Filter	ANC AGC EQ Algorithm
Noise Reduction Ability	Adaptive 9dB
SNR	75dB
Dynamic Range	85dB
Output Impedance	600 Ohm unbalanced
Output Signal Amplitude	0dBu(1kHz@94Db SPL)
Signal Output Circuit	Linear processing with drive
Protective Circuit	Protection against lightning strike, signal misconnection protection
Drive Capability	Linear drive 0.5W, directly connected to DVR, headsets, active loudspeakers
Connection Mode	3-core flexible glue wires (red: power, black: ground connection, yellow: voice frequency)
Transmission Cables	3-core 0.5mm <sup>2</sup> RVP shield cable
Supply Voltage	DC 12V (9V-15V)
Supply Current	Max 45mA
Working Temperature	-25°C~55°C
Installation Mode	Fixed Pedestal Mounting
Color	True
Shell Material	Aluminum alloy + white mesh
External Size	64mm×20mm (diameter * height)
Weight	70g