

DS-2FP4021-B

Digital Noise Reduction Microphone



The Hikvision DS-2FP4021-B Digital Noise Reduction Microphone provides full-range broadband voice up to 33 feet (10 m). It is compliant with CE standards and FCC certification.

Available models:
DS-2FP4021-B

- ECM Microphone Array with 360° Voice Range Up to 33 ft (10 m)
- Embedded DSP Audio Processor
- Adaptive Active Noise Cancellation Algorithm
- Full Metal Structure with LED Indicator
- CE Standards, FCC Certification

Specifications

DS-2FP4021-B

Parameters	
Microphone	ECM microphone array -41 dB
Pickup Scope	60 m ² continuously adjustable
Gain Adjustment Scope	-30 dB continuous
Pickup Direction	Full directions / 360°
Frequency Response	100 Hz to 16 kHz (1 kHz @ 94 dB SPL)
Signal Processing	DSP Processor
Sampling Frequency	32K
Filter	ANC AGC EQ Algorithm
Noise Reduction Ability	Adaptive 9 dB
SNR	75 dB
Dynamic Range	85 dB
Output Impedance	600 Ω unbalanced
Output Signal Amplitude	0 dBu (1 kHz @ 94 dB SPL)
Signal Output Circuit	Linear processing with drive
Protective Circuit	Protection against lightning strike, signal misconnection protection
Drive Capability	Linear drive 0.5 W, directly connected to DVR, headsets, active loudspeakers
Connection Mode	Three-core flexible glue wires (red: power, black: ground connection, yellow: voice frequency)
Transmission Cables	Three-core 0.5 mm ² RVVP shield cable
Supply Voltage	12 VDC (9 V to 15 V)
Supply Current	Maximum 45 mA
Working Temperature	-13° F to 158° F (-25° C to 70° C)
Installation Mode	Fixed pedestal mounting
Shell Material	Aluminum alloy and white mesh
External Size	2.5" x 0.79" (64 mm x 20 mm)
Weight	0.15 lbs (70 g)