

## DS-2FP2020

### Hi-Fi Microphone for CCTV



The Hikvision DS-2FP2020 Hi-Fi CCTV Microphone provides high-sensitivity, clear and natural omnidirectional sound pickup. It is compliant with EU CE standards and US FCC certification.

**Available models:**  
DS-2FP2020

- High Sensitivity Omnidirectional Capacitor Microphone
- Clear and Natural Omnidirectional Sound Pickup
- Built-in Lightning, Reverse Polarity, and Electrostatic Protection
- RoHS Compliant
- Compliant with EU CE Standards, US FCC Certification

# Specifications

| DS-2FP2020                  |                                                                                    |
|-----------------------------|------------------------------------------------------------------------------------|
| Parameters                  |                                                                                    |
| Pickup Range                | 70 m <sup>2</sup>                                                                  |
| Audio Transmission Distance | 3000 m                                                                             |
| Sensitivity                 | -34 dB                                                                             |
| Frequency Response          | 20 Hz to 20 kHz                                                                    |
| Directivity Characteristics | Omnidirectional                                                                    |
| SNR                         | 60 dB (1 m 40 dB audio tone SPL), 40 dB (10 m 40 dB audio tone SPL), 1 kHz at 1 Pa |
| Dynamic Range               | 70 dB (1 kHz at Max dB SPL)                                                        |
| Maximum Sound Pressure      | 100 dB SPL (1 kHz, THD 1%)                                                         |
| Output Impedence            | 600 ohm unbalanced                                                                 |
| Output Signal Amplitude     | 2.5 Vpp/-25 dB                                                                     |
| Microphones                 | Capacitor microphone diaphragm                                                     |
| Signal Processing Circuit   | ANC ambient noise cancellation technology                                          |
| Protective Circuit          | 30 KV Air contact ESD, lightning protection, reverse polarity protection           |
| Drive Capability            | Built-in pre-amplifier circuit can directly drive headphones                       |
| Connection Mode             | 3 wires (power, audio out, GND)                                                    |
| Transmission Cable          | 3-core shielded cable 0.5 mm <sup>2</sup> RVVP                                     |
| Supply Voltage              | 12 VDC (9 V to 15 V)                                                               |
| Supply Current              | Maximum 25 mA                                                                      |
| Working Temperature         | -13° F to 158° F (-25° C to 70° C)                                                 |
| Installation Mode           | Fixed pedestal mounting                                                            |
| Color                       | White/blue                                                                         |
| Shell Material              | PVC                                                                                |
| External Size               | Ø 3.1" x 0.08" (Ø 78 mm x 28 mm)                                                   |
| Weight                      | 0.13 lbs (60 g)                                                                    |