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Sound Surveillance <sup>tm</sup>

## SM1-SD Covert smoke detector style, omnidirectional microphone

### Description

*High performance, Omni-directional, pre-amplified microphone for fixed location security applications. Covert housing designed to appear exactly like a modern smoke detector. 25' pickup pattern in all directions. Built in limiter circuit automatically lowers the output level during loud sound intervals. Selectable lo-cut and hi-cut filters significantly reduce background noise. Ivory ABS enclosure Mounts on any flat surface.*

*Connects directly to our switcher / mixer / amplifiers or use one of our many interface products to make fast and clean connections to DVRs, IP cameras and remote monitoring equipment.*



### Includes:

- SM1-SD Microphone
- Warning label.
- Installation instructions.

### Options:

- See Pre-amplifier board selection guide for alternate pre-amplifier form factors.
- Add -LN to P/N for ultra low noise (80db) and high sensitivity (-28db) microphone capsule

### Wiring requirements:

2 conductor shielded (with drain wire) 22 gauge stranded. Max cable length 1500'.

### Caution

*It is the responsibility of the installation company and end user to install this audio surveillance equipment in compliance with state and federal privacy laws. If you are unfamiliar with these laws, consult a qualified attorney.*

### SM1-SD Specifications

- Omni-directional 25' pickup pattern
- Low noise MOSFET pre-amplifier.
- 500Hz-16Khz Frequency response.
- Switch selectable hi-cut/lo-cut filters limit frequency response to up to 900 to 6Khz significantly reducing background noise.
- Switch selectable volume range: "Line level" (0db) or "Microphone level" (-30db)
- Adjustable gain in both volume ranges.
- Peak Limiter: .5sec response time
- 100 Ohm unbalanced output.
- 3 position terminal block.
- Power: 12 to 24VDC @ 10mA.
- PTCC fused and reverse polarity protected
- On-board voltage regulator and RFI filtering.
- Temperature range: -40C to 85C
- Ivory ABS enclosure Mounts on any flat surface.
- Dimensions: Dia. 4.00 x H1.80
- Weight: 0.09lbs

Warranty 1 year parts and labor,

Made in USA