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Sound Surveillance™

## SM1-W IP55 Rated Omni-directional Pre-amplified Microphone

### Description

*IP55 Weather resistant, high performance, omni-directional pre-amplified microphone. Built in limiter circuit automatically lowers the output level during loud sound intervals. Selectable lo-cut and hi-cut filters significantly reduce background noise. Cast Aluminum plate mounts on any flat surface or on a single gang "bell box", gasket included.*

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

### Includes:

- SM1-W microphone.
- Gasket and screws
- Warning label.
- Installation instructions.

### Options:

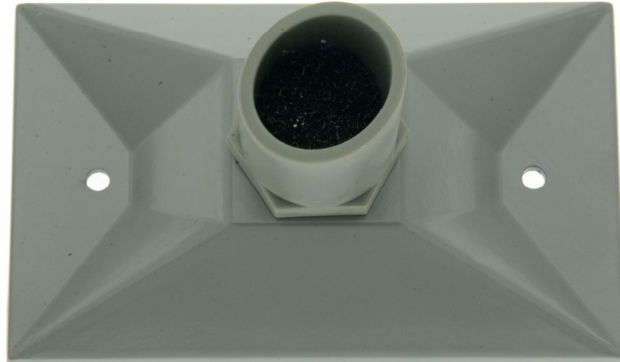
- See Pre-amplifier board selection guide for alternate pre-amplifier form factors.
- Add -LN to P/N for ultra low noise (80db) and high sensitivity (-28db) microphone capsule
- WS-1 external windscreen

### Wiring requirements:

2 conductor shielded (with drain wire) 22 gauge stranded. Max cable length 1000'.

### 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-W 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.
- Internal peak limiter circuit (.5 sec response)
- 100 Ohm, unbalanced output.
- Directing tube with removable .5 inch removeable windscreen.
- 3 position terminal block
- Power: 12 to 24VDC @ 10mA.
- On-board voltage regulator and RFI filtering.
- Operating temperature range: -40C to 85C
- S/N ratio: more than 60DB
- Sensitivity -45DB
- IP55 rated
- Conformal coated circuit board.
- Cast Aluminum plate mounts on any flat surface or on a single gang "bell box", gasket included.
- Dimensions: L 4.6" W 2.8" H 2.3"
- Weight 0.12lbs

### Warranty

1 year parts and labor.

Made in USA