



Electronic Technical Services Inc.  
211 Conchas SE  
Albuquerque, NM 87123  
PH 505-888-3923 FAX 505-888-3926  
Website: www.etsnm.com

Sound Surveillance™

# SM1-HD Hanging Directional Pre-amplified Microphone

## Description

High performance, Unidirectional pre-amplified microphone for high ceiling and high background noise applications. Flush mount Pre-amplifier mounts on ceiling and microphone hangs 6-25' down. Built in limiter circuit automatically lowers the output level during loud sound intervals. Selectable lo-cut and hi-cut filters significantly reduce background noise. Flexible plastic plate mounts flush or on a single gang electrical box.



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-HD Microphone
- SM1-PAS Pre-amplifier
- Mounting screws
- Installation instructions.

## Options

SPECIFY: Cord length. Default is 6'.

## 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-HD Specifications

- Uni-directional 25' pickup pattern with reduced (-6db) sensitivity on all sides.
- Low noise MOSFET pre-amplifiers.
- 500Hz-13Khz Frequency response.
- Jumper selectable hi-cut/lo-cut filters limit frequency response to up to 900 to 6Khz significantly reducing background noise.
- Jumper selectable volume range: "Line level" (0db) or "Microphone level" (-30db)
- Adjustable gain in both volume ranges.
- -54db sensitivity, 60db S/N ratio
- Peak Limiter .5sec response time
- 100 Ohm unbalanced output.
- 3 position Euro-style connector makes cable termination fast and clean.
- 6' cord with RCA end plug.
- Power: 12 to 24VDC @ 10mA.
- On-board voltage regulator and RFI filtering.
- Industrial temperature range: -40C to 105C
- Dimensions Plate: L 4.5" W 2.7" H 1.0"
- Dimensions Microphone:
  - D .75" L 4.1"
  - Weight: 0.1lbs

Warranty 1 year

Made in USA