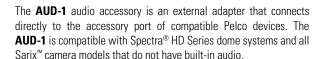# AUD-1 Audio Accessory
EXTERNAL AUDIO ADAPTER

Product Features

- G.711 Compression
- Bidirectional Full-Duplex Audio
- Echo Cancellation
- Connects Directly to the Accessory Port
- Easy Setup
- Compact Size
- Compatible with Spectra® HD Series Dome Systems and Sarix™ Camera Models Without Built-in Audio

The **AUD-1** audio accessory is an external adapter that connects directly to the accessory port of compatible Pelco devices. The **AUD-1** is compatible with Spectra® HD Series dome systems and all Sarix™ camera models that do not have built-in audio.

The **AUD-1** audio accessory is designed to work with microphones that provide a line-level output (+4 dBu). The **AUD-1** provides 12 VDC for microphones that require it, but a preamplifier is required for microphones that require more power. The **AUD-1** encodes audio from the microphone into a digital G.711 format. The audio can be streamed with the video to be played back and recorded at the headend. The **AUD-1** can also receive the G.711 digital audio from the headend and convert it to an analog signal to be played through a speaker.

The **AUD-1** audio accessory can be used in conjunction with the ALM-1 alarm accessory. If the Pelco device has only one accessory port, a USB hub is required.

MODEL

AUD-1   External audio accessory

GENERAL

Streaming   Bidirectional: full or half duplex
Input/Output   Terminal block, analog for microphone and
                            speaker; 600-ohm differential;
                            1 Vp-p maximum signal level
Compression   G.711
Sampling Rate   8 kHz
Bit Rate   64 kbps (8 kHz)

ELECTRICAL

Power Input   5 VDC powered from USB

MECHANICAL

Audio Input (microphone)   UTP 600 ohm mono, 4X terminal block (screw
                            connection), balanced line input, 12 VDC
                            power source
Audio Output (speaker)   UTP 600 ohm mono, 2X terminal block (screw
                            connection), balanced line output
Connector   USB 2.0 'A' male

ENVIRONMENTAL

Operating Temperature   0° to 60°C (32° to 140°F)
Storage Temperature   −20° to 60°C (−4° to 140°F)

PHYSICAL

Dimension   62.2 x 29.2 x 16.0 mm
                            (2.45" L x 1.15" W x 0.63" H)
Unit Weight   0.02 kg (0.04 lb)
Shipping Weight   0.45 kg (1.0 lb)

CERTIFICATIONS/RATINGS/PATENTS

• CE, Class A
• FCC, Class A

SUPPLIED ACCESSORIES

USB Extension Cable   Female 'A' to male 'mini-B'
USB Extension Cable   Female 'A' to custom right-angle
                            male 'mini-B'

SUPPORTED THIRD-PARTY MICROPHONES*

Manufacturer	Microphones
Louroe	Verifact A, B, C, E, L-DT and K
	AOPSP-PB-F/S[†]
	AOP-SP-CF/CS[†]
	AOP-SP-WF/WS
	TLMC-W
ETC	SM1 Series

*While many other microphones are compatible, these have been
 tested with the AUD-1 and are officially supported.

[†] Louroe AOP Series microphones may require an AOP-XD interface transceiver.

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