CM9760-CXTA Coaxitron® Translator
INTERFACE UNIT FOR COAXITRON-CAPABLE RECEIVERS

Product Features

- Allows Coaxitron® Control from Any RS-422 P or D Protocol Device
- 16 Looping Video Inputs Allow Easy Connection Between Switch and Cameras
- Send PTZ Control Commands Through a Camera’s Video Cable
- Fits a Standard 19-Inch Rack Mount

The CM9760-CXTA interfaces Pelco’s matrix switches that use Pelco P protocol with Pelco’s receivers that use Coaxitron® protocol for command and control functions.

The CM9760-CXTA will also interface Pelco’s digital video recorders (DVRs) that use Pelco D protocol with Pelco’s receivers that use Coaxitron protocol for command and control functions.

CX9000, Legacy®, Spectra®, and Esprit® receivers can be used with the CM9760-CXTA.

The 32 BNCs are looped inside the unit. Each BNC on the top row is paired with a BNC on the bottom row. This allows either the top or bottom BNC to be selected as an input or output to communicate to or from the receiver.

The rear of the CM9760-CXTA has input and output connectors that allow two translator units to be cascaded. This makes 32 Coaxitron ports available that can be controlled from one RS-422 communication port on a System 9700 Series CC1.

The eight-position DIP switch allows the protocol for the BNC inputs to be set to either 15 bits or 32 bits. The DIP switch is also used to configure Pelco P or Pelco D protocol and data rates.
**TECHNICAL SPECIFICATIONS**

**MODEL**
CM9760-CXTA  
Coaxitron translator

**ELECTRICAL**
- **Input Voltage**: 100 to 240 VAC, 50/60 Hz, auto-ranging
- **Power Consumption**: 15 VA
- **Coaxitron Ports**
  - **Video Format**: NTSC or PAL
  - **Video Level**: ±6 dB minimum
  - **Coaxitron Level**: 0.7 V peak
- **Data Ports**
  - **Input**: RS-422, 8-way, RJ-45 connector  
    DIP-switch selectable baud rate, even parity
  - **Output**: RS-422, 8-way, RJ-45 connector  
    DIP-switch selectable baud rate, even parity
- **Indicators**: Power LED (green)
- **Fusing**: 1/4A, 250 VAC

**MECHANICAL**
- **Connectors**
  - **Video**: BNC type (32 total)
  - **Power**: 3-wire, 18 AWG  
    RS-422, RJ-45 (8-way), connectors (2 total)
  - **RS-422**: 8-way, 4-wire, RJ-45 connector  
    DIP-switch selectable baud rate, even parity

**GENERAL**
- **Dimensions**
  - **Base Only**: 1.75" H x 17.40" W x 10.63" D  
    (4.45 x 44.20 x 27.00 cm)
  - **With Rack Ears**: 1.75" H x 19.00" W x 10.63" D (1 RU)  
    (4.45 x 48.26 x 27.00 cm)
- **Mounting**: Fits 19-inch EIA-standard rack
- **Operating Temperature**: 32° to 158°F (0° to 70°C)
- **Unit Weight**: 5.7 lb (2.59 kg)
- **Shipping Weight**: 13 lb (5.91 kg)

**CERTIFICATIONS/RATINGS**
- CE, Class B
- FCC, Class B
- C-Tick

**COMPATIBLE DEVICES**
- CM9700-CC1
- KBD200A (Direct Mode)
- KBD300A (Direct Mode)
- CM9760-KBD (Direct Mode)
- DX4000, DVR5100, DX8100 (Digital Video Recorder)

**Diagram**

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