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

CM9760-CXTA (FRONT)

CM9760-CXTA (REAR)

The **CM9760-CXTA** interfaces Pelco's matrix switchers 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.
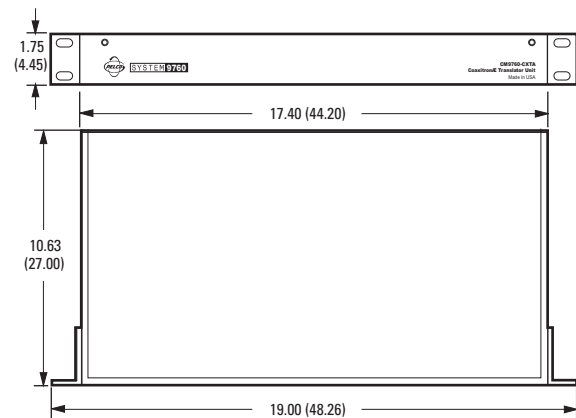
The eight-position DIP switch allows the protocol for the BNC inputs to be set to either 15 bits or 32 bits. The DIP switch is also used to configure Pelco P or Pelco D protocol and data rates.

NOTE: VALUES IN PARENTHESES ARE CENTIMETERS; ALL OTHERS ARE INCHES.

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, 4-wire, RJ-45 connector DIP-switch selectable baud rate, even parity
Output	RS-422, 8-way, 4-wire, 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)

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

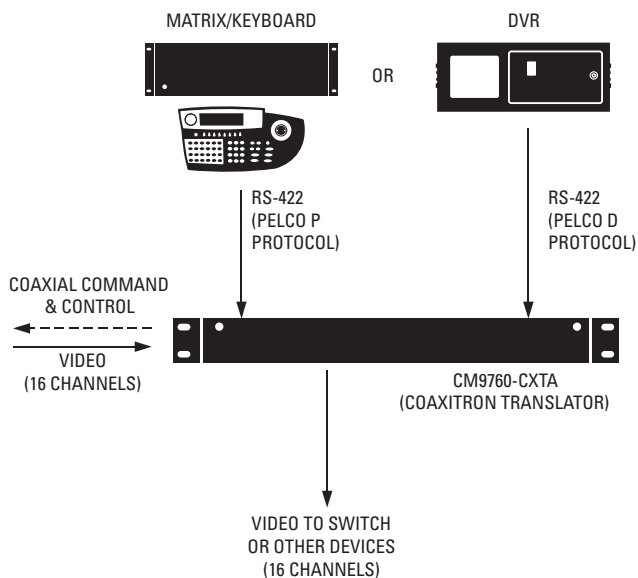- CE, Class B
- FCC, Class B
- C-Tick

COMPATIBLE DEVICES

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

RECEIVER/DRIVERS "TYPE"

LEGACY

AND

ESPRIT

OR

SPECTRA

AND

CX9000

CM9760-KBD (DIRECT MODE)
DX8100 (DIGITAL VIDEO RECORDER)

MATRIX/KEYBOARD

OR

DVR

RS-422 (PELCO P PROTOCOL)

RS-422 (PELCO D PROTOCOL)

COAXIAL COMMAND & CONTROL

VIDEO (16 CHANNELS)

CM9760-CXTA (COAXITRON TRANSLATOR)

VIDEO TO SWITCH OR OTHER DEVICES (16 CHANNELS)