

# 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 on a Camera's Video Cable
- Fits a Standard 19-Inch Rack Mount



CM9760-CXTA FRONT VIEW



CM9760-CXTA REAR VIEW

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

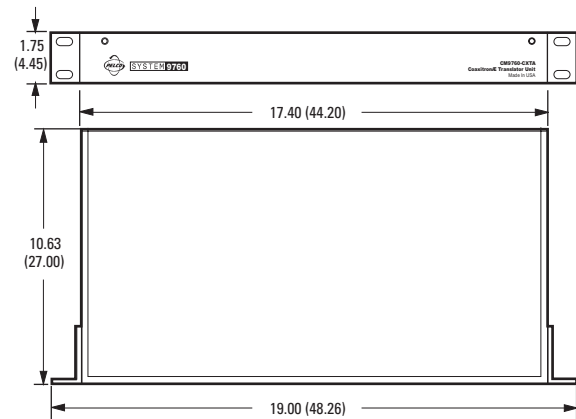
The **CM9760-CXTA** will also interface Pelco's digital video recorders that use D protocol with Pelco's receivers that use Coaxitron protocol for command and control functions.

CX9000, Legacy®, Intercept®, 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 P or D protocol, and data rates.



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



# TECHNICAL SPECIFICATIONS

## MODEL

CM9760-CXTA Coaxitron translator

## ELECTRICAL

Input Voltage 100-240 VAC, 50/60 Hz, auto-ranging  
 Power Consumption 15 VA  
 Coaxitron Ports  
   Video Format NTSC or PAL  
   Video Level  $\pm 6$  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

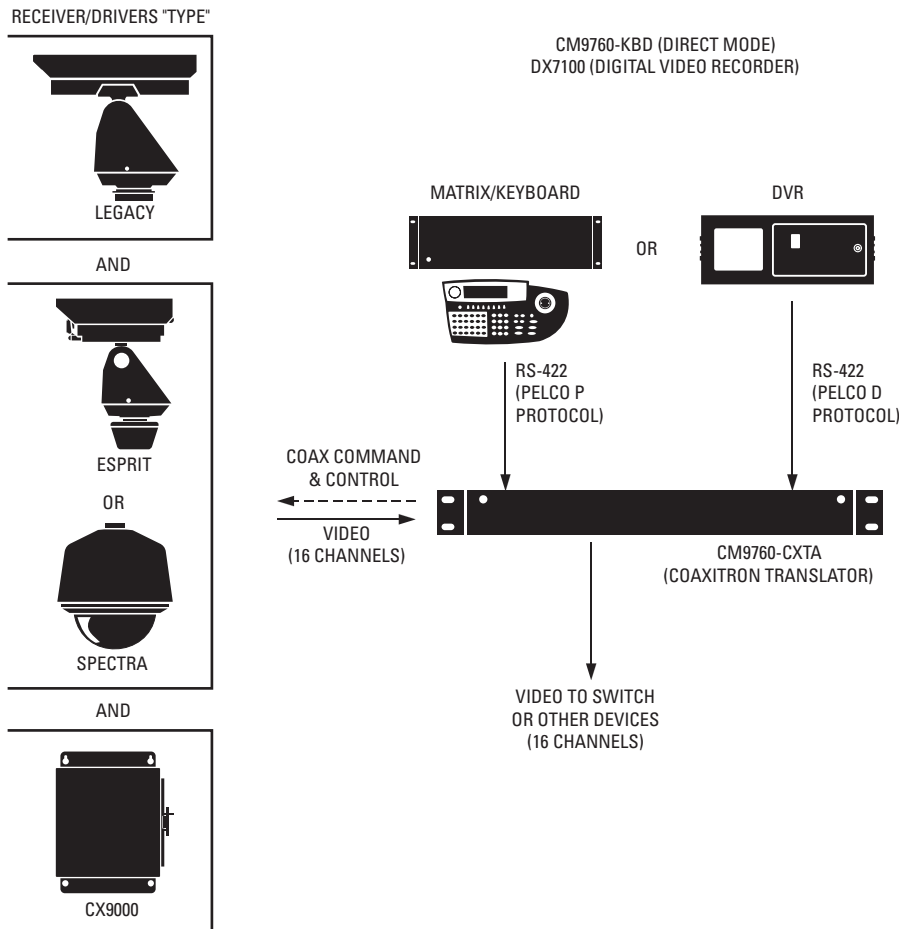
Dimensions  
   Base Only 1.75" H x 17.40" W x 10.63" D  
   (4.45 x 44.20 x 27.00 cm)  
   With Rack Ears 1.75" H x 19.00" W x 10.63" D (1 RU)  
   (4.45 x 48.26 x 27.00 cm)  
 Mounting Fits 19-inch EIA-standard rack  
 Operating Temperature 32° to 158°F (0° to 70°C)  
 Unit Weight 5.7 lb (2.59 kg)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

## CERTIFICATIONS/RATINGS

- CE, Class B
- FCC, Class B
- Meets NEMA Type 1 standards

## COMPATIBLE DEVICES

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



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