



# 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 for 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** is designed to interface Pelco's matrix switchers that use P protocol with Pelco's receivers that use Coaxitron® protocol for command and control functions.

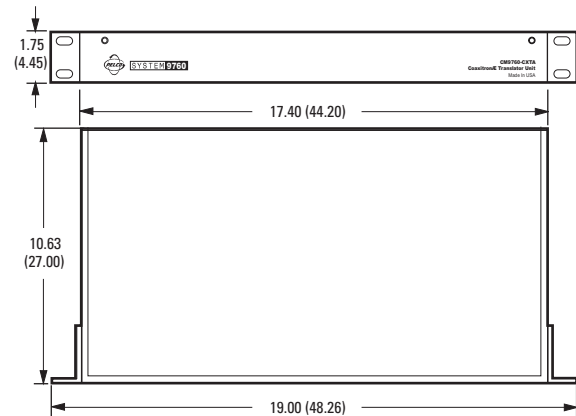
The **CM9760-CXTA** will also interface Pelco's DX7000 digital video recorder that uses D protocol with Pelco's receivers that use Coaxitron protocol for command and control functions.

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

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

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

The 8-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.



DataFAX  
SPEC: 2539  
MANUAL: Not Available through DataFAX

C539 / REVISED 12-03



# 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

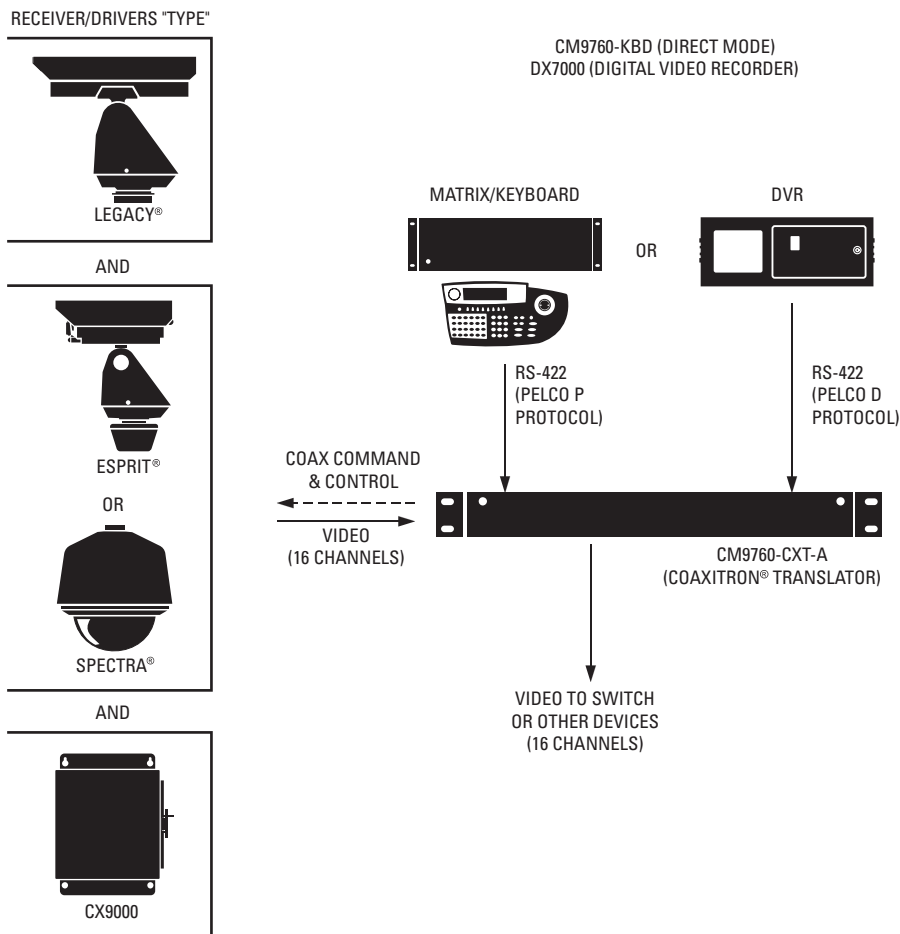
Dimensions  
   Base Only 1.75" H x 17.40" W x 10.63" D  
                   (4.45 x 44.20 x 27.00 cm)  
   With Rack Ears 1.75" H x 19.00" W x 10.63" D (1 RU)  
                   (4.45 x 48.26 x 27.00 cm)  
 Mounting Fits 19-inch EIA Standard rack  
 Operating Temperature 32° to 158°F (0° to 70°C)  
 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

CM9770-CC1  
 CM9760-CC1  
 CM9740-CC1  
 KBD200A (Direct Mode)  
 KBD300A (Direct Mode)  
 CM9760-KBD (Direct Mode)  
 DX7000 (Digital Video Recorder)



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