

CM9760-CDU-T Code Distribution Unit

16-CHANNEL TRANSMIT-ONLY DISTRIBUTOR

Product Features

- Two 8-Position, RJ-45 Parallel Connectors Provide an Input from a Controller and an Output for an Additional Daisy-Chained CDU Unit
- Sixteen 3-Position Screw Terminal Connectors Used to Output 16 RS-422 Transmit-Only Code Lines
- Allows for "Star" Type Wiring of PTZ Data Lines
- Standard 100-240 VAC, 50/60 Hz Line Input (Autoranging)
- Provides 16 Driver Outputs

The **CM9760-CDU-T** code distribution unit is a 16-channel RS-422 transmit-only (two data wires and ground) data distribution unit. It can be used with any system that uses RS-422 serial communications. The CDU is used to install pan/tilt and dome receivers in a "star," or "home run," configuration.

The unit is rack/wall mountable and is only 6 inches (15.2 cm) deep. In addition to the 16 lines available for output with one unit, eight CDUs may be daisy-chained. This allows 128 receivers (that support 128 address settings) to be connected on a single SERCOM port.

The remote devices can be located as far as 4,000 feet (1,219 m) away from the controller, depending on the physical parameters of the connection.

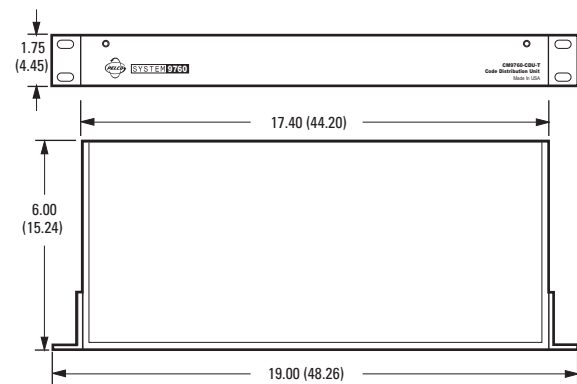
The unit is ideal for use on larger switching systems where it becomes desirable to "home run" the RS-422 data lines for controlling pan/tilt or dome receivers.



CM9760-CDU-T (FRONT)



CM9760-CDU-T (BACK)



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



by Schneider Electric

International Standards
Organization Registered Firm;
ISO 9001 Quality System



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TECHNICAL SPECIFICATIONS

MODEL

CM9760-CDU-T

Code distribution unit

ELECTRICAL

Input Voltage	100-240 VAC, 50/60 Hz, autoranging; or independent external source
Input Current	100 mA
Data Ports	
Input	One RS-422, RJ-45 female connector
Output	One RS-422, RJ-45 female connector
Drive Lines	Sixteen 3-position screw terminals with mating plugs
Indicators	One power LED (green) One data LED (red)

MECHANICAL

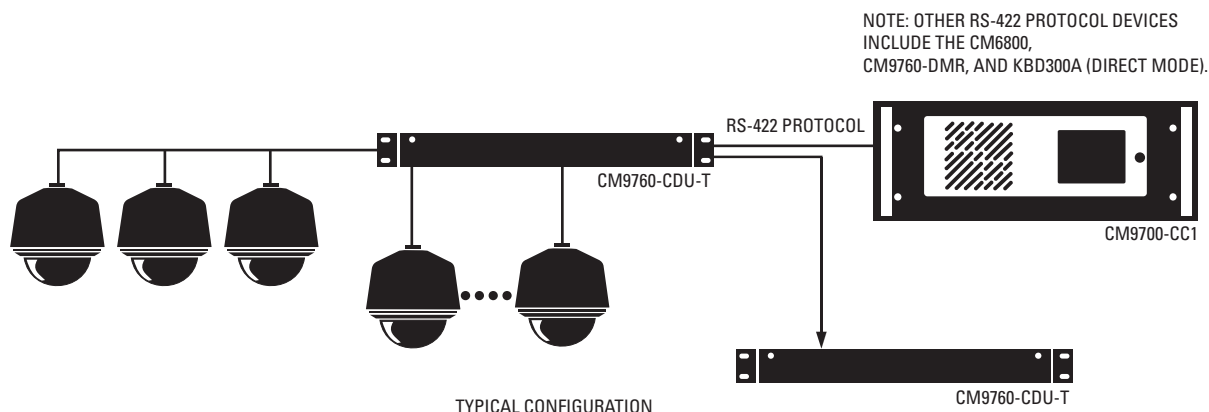
Connectors	
Power	AC power cord input, 3-wire, 18 AWG
RS-422	Two RJ-45, female
RS-422 Breakout Ports	Sixteen 3-pin headers with mating plug; connectors can accept 14-28 AWG

GENERAL

Dimensions	
Base Only	1.75" H x 17.40" W x 6.00" D (4.45 x 44.20 x 15.24 cm)
With Rack Ears	1.75" H x 19.00" W x 6.00" D (1 RU) (4.45 x 48.26 x 15.24 cm)
Mounting	Fits 19-inch EIA-standard rack
Operating Temperature	32° to 122°F (0° to 50°C)
Unit Weight	4.2 lb (1.91 kg)
Shipping Weight	9 lb (4.09 kg)

CERTIFICATIONS/RATINGS

- CE, Class B
- FCC, Class B
- UL/cUL Listed
- C-Tick



Pelco, Inc. Worldwide Headquarters:

3500 Pelco Way, Clovis, California 93612-5699 USA

USA & Canada Tel: (800) 289-9100 • FAX: (800) 289-9150

International Tel: +1 (559) 292-1981 • FAX: +1 (559) 348-1120

www.pelco.com

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