

CM9760-DMR Data Manager

SERCOM PORT EXPANSION/DATA MERGER UNIT

Product Features

- Choose One of Three Different Operating Modes: Keyboard Expander, Camera Control Expander, or Data Merger
- Connect Up to Four CM9760-KBD Keyboards to One Data Port
- Address Up to 64 PTZ Cameras From One Data Port
- Allow Up to Four Matrix Switchers, DVRs, or Direct Keyboards to Share Control of Up to 32 PTZ Cameras
- Both RJ-45 Connectors and Screw Terminals Are Provided for Each Data Port
- Diagnostic LEDs Identify the Amount of Data Activity for Each Port

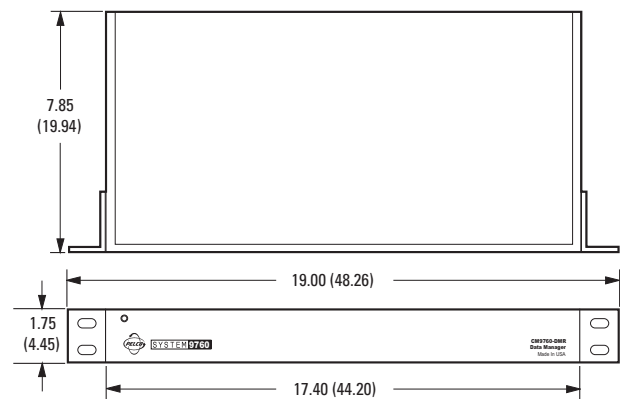
The **CM9760-DMR** is a data manager package that provides a four-to-one expansion of the number of data (SERCOM) ports available on a CM9765, CM9770, or CM9780 central processing unit (CPU). It may be used with System 9700 Series matrix switchers in three basic applications: To expand the number of cameras controlled through a port (Camera Control Expander), to expand the number of keyboards connected to a port (Keyboard Expander), and to interface up to four networked CPUs to control a common group of cameras (Data Merger).

When configured for use as a Keyboard Expander, the **CM9760-DMR** allows up to four CM9760-KBD keyboards to be connected to one SERCOM port on the CM9780, CM9770, or CM9765 CPU.

When configured for use as a Camera Control Expander, the **CM9760-DMR** allows addressing of up to 64 PTZ cameras from one SERCOM port on the CM9780, CM9770, or CM9765 CPU.

When configured for use as a Data Merger, the **CM9760-DMR** allows up to four matrix switchers or other devices to share control of up to 32 cameras using Pelco D or Pelco P protocol.

In the Data Merger configuration the **CM9760-DMR** can also interface control from as many as four non-matrix controllers to up to 32 cameras. Devices include direct mode KBD300A keyboards and other Pelco control products using Pelco P protocol. Priority can be assigned to each device with this configuration.



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

MODELS

CM9760-DMR	Data manager, 120 VAC
CM9760-DMR-X	Data manager, 230 VAC

ELECTRICAL

Input Voltage	120 VAC external adapter
CM9760-DMR	230 VAC external adapter
CM9760-DMR-X	9.9 W maximum
Power	
Data Ports	(5) RJ-45 connectors, (5) screw terminal connectors, (1) DB9 connector
Input/Output	
Indicators	One green power LED Five green port LEDs Five yellow data LEDs

MECHANICAL

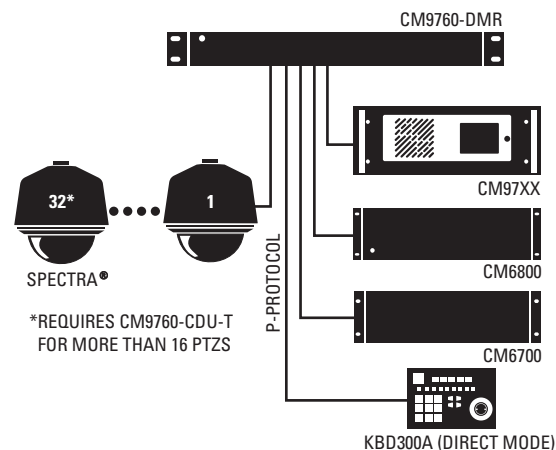
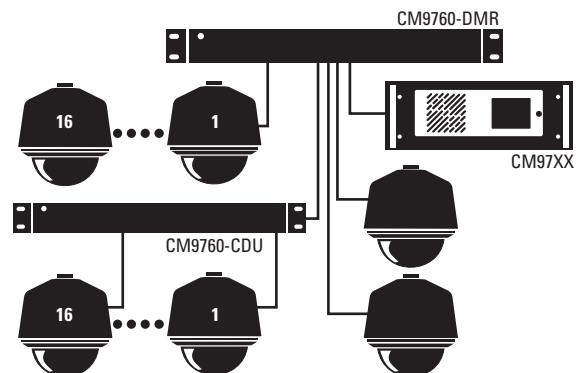
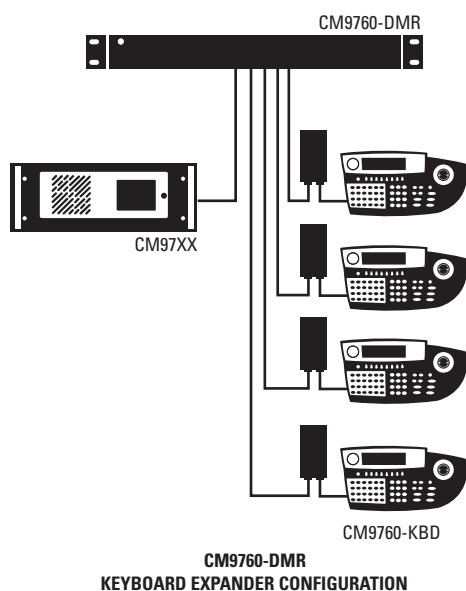
Connectors	
Power	9.0 VAC jack
Data Communication	RJ-45, screw terminals, DB9

GENERAL

Operating Temperature	32° to 122°F (0° to 50°C)
Construction	Aluminum
Finish	Black polyester powder coat
Dimensions	
Base Only	1.75" H x 17.40" W x 7.85" D (4.45 x 44.20 x 19.94 cm)
With Rack Ears	1.75" H x 19.00" W x 7.85" D (1 RU) (4.45 x 48.26 x 19.94 cm)
Mounting	Fits 19-inch EIA-standard rack
Unit Weight	5.2 lb (2.36 kg)
Shipping Weight	9 lb (4.09 kg)

CERTIFICATIONS

- CE, Class B
- UL/cUL Listed (CM9760-DMR)
- FCC, Class A (CM9760-DMR)
- C-Tick



**D-PROTOCOL APPLICATION CAN MERGE CONTROL FROM CM6800 SWITCHERS AND DX400Q/DVR5100, DX8100DVRs.

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