



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



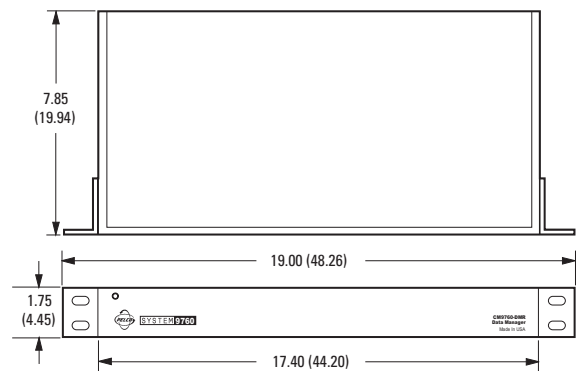
The **CM9760-DMR** is a data manager package that provides a four-to-one expansion of the number of data (SERCOM) ports available on a CM9740, CM9760, or CM9770 central processing unit (CPU). It may be used with System 9700 Series matrix switchers in three basic applications: To expand the number of 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 CM9770, CM9760, or CM9740 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 CM9770, CM9760, or CM9740 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 via Pelco's D or 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, Pelco-Nets, and other Pelco control products using P protocol. Priority can be assigned to each device with this configuration.



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



DataFAX
SPEC: 21520
MANUAL: Not Available through DataFAX

C1520 / REVISED 12-03



TECHNICAL SPECIFICATIONS

MODELS

CM9760-DMR
CM9760-DMR-X

Data manager, 120 VAC
Data manager, 230 VAC

ELECTRICAL

Input Voltage
CM9760-DMR
CM9760-DMR-X
Power
Data Ports
Input/Output

120 VAC external adapter
230 VAC external adapter
25 VA
(5) RJ-45 connectors, (5) screw terminal connectors, (1) DB9 connector
One green power LED
Five green port LEDs
Five yellow data LEDs

Indicators

MECHANICAL

Connectors
Power
Data Communication

9.0 VAC jack
RJ-45, screw terminals, DB9

GENERAL

Operating Temperature
Construction
Finish
Dimensions
Base Only

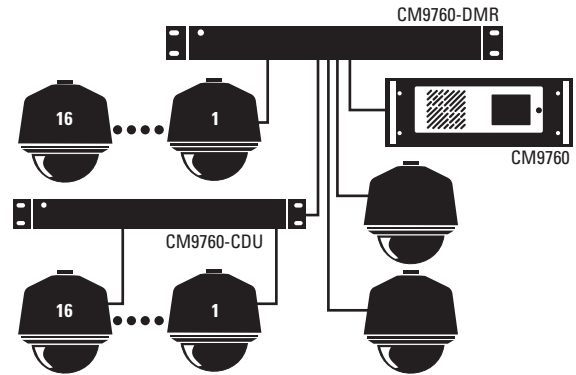
32° to 122°F (0° to 50°C)
Aluminum
Black polyester powder coat
1.75" H x 17.40" W x 7.85" D
(4.45 x 44.20 x 19.94 cm)
1.75" H x 19.00" W x 7.85" D (1 RU)
(4.45 x 48.26 x 19.94 cm)
Fits 19-inch EIA Standard rack
5.2 lb (2.36 kg)
9 lb (4.09 kg)

With Rack Ears

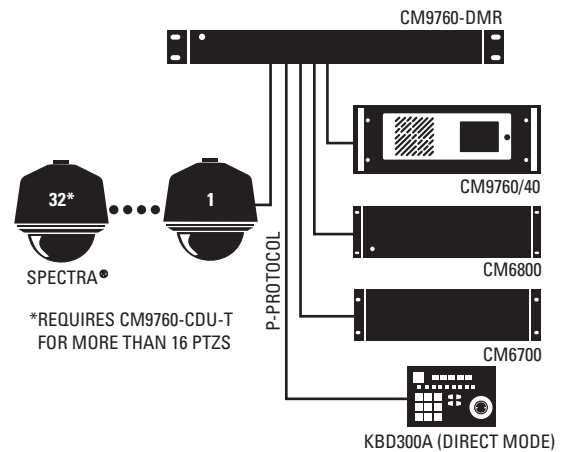
Mounting
Unit Weight
Shipping Weight

CERTIFICATIONS

- FCC, Class A (CM9760-DMR)

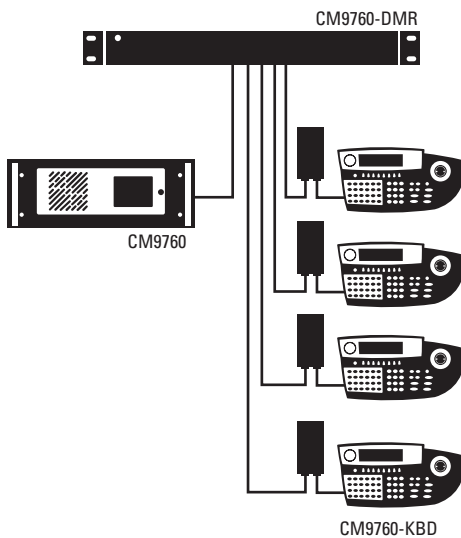


CM9760-DMR
CAMERA CONTROL EXPANDER CONFIGURATION



CM9760-DMR
DATA MERGER CONFIGURATION
(P-PROTOCOL APPLICATION)*

*D-PROTOCOL APPLICATION CAN MERGE CONTROL FROM CM6800 SWITCHERS AND DX7000 DVRs.



CM9760-DMR
KEYBOARD EXPANDER CONFIGURATION



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