



PRODUCT SPECIFICATION

CM9760 Series Matrix

MICROPROCESSOR-BASED, CROSS-POINT VIDEO SWITCHER, 976 X 256



Product Features

- Microprocessor Based, Full Cross-point Video Matrix
- Single Node CPU Systems Control Up to 976 Cameras and 256 Monitors
- Virtually Unlimited Expansion Using Networked Nodes (up to 24 Nodes available)
- Logical Camera Selection
- Priority Level Operation
- Multiplexer Control
- Built-in Video Loss Detection
- Built-in System Diagnostics
- Windows® Based System Management Software Controls Any System, Large or Small, and Also Acts as an Administrator for a Networked System
- Optional VCR Management
- Optional Integration Translator
- Factory Tested Pre-Packaged Systems
- Step-Command Macro Programming – As Many as 2000 Macros, Each With Up to 120 Step Commands

The **System 9760®** utilizes a high density design to reduce rack space and overall equipment requirements in medium-to-large CCTV installations. The system provides multiple operators with the ability to quickly view and control cameras for general surveillance and visual verification of alarm events. Up to 200 individual user defined ID numbers may be assigned to allow or deny access to system functions.

Powerful macro operation allows activation of commonly occurring events, either manually or automatically, based on time of day, day of week, day of year and alarms. Macros may call system wide sequences (tours), activate pre-positions and auxiliaries on properly equipped cameras, automate

VCR control, activate external relays to turn on lights, lock doors, or control other auxiliary functions (additional equipment may be required).

Built-in video loss detection monitors all incoming video signals to alert operators or technicians in the event of a camera failure. Camera failure information is output to a printer port for logging purposes and is displayed on-screen on system monitors. In addition, system keyboards display operational diagnostics to aid in system management.

Optional VCR management allows VCRs to be controlled directly from the system keyboards. Suitable VCRs can be monitored for operational conditions ensuring continuous recording.

The following optional components provide enhanced system capabilities:

- **Fail-Safe Redundancy**
Back-up Matrix Bay power supplies protect the high density architecture. "Hot Switch" synchronized CPUs assure uninterrupted operation. In the event of a CPU failure, the hot switch places the back-up CPU into the primary position and continues operation with no disruption to the system. An audible tone alerts operators of a failure and LED's display switchover diagnostics.
- **ASCII Translation Capability**
An optional ASCII translator is available which allows external equipment such as access control, casino data, fire, burglar/PLC computer based systems, etc., to communicate directly with the system to activate alarms, camera selection, pre-positions, auxiliaries, macros, etc. Up to eight high-level interface devices per node (access control) are allowed.
- **Coaxitron® Compatibility**
An optional Coaxitron translator is available which allows PTZ communication over standard coaxial cable.



International Standards Organization Registered Firm ISO 9001 Quality System

SYSTEM COMPONENTS/TECHNICAL SPECIFICATIONS



Central Processing Unit

The System 9760 utilizes an external CPU (CM9760-CC1) for the control of system features and for communicating with external devices. In addition, the system's CPU will accept commands from suitably programmed and connected external computers, graphical user interfaces (GUI), access control systems, casino data systems, programmable logic controllers (PLC), lighting and intercom systems.

An internal graphics accelerator card which displays in NTSC/PAL/VGA formats is included for the display of system diagnostics and programming. Sixteen RS-422 communication (COM) ports are provided (expandable to 32). These ports are used for communicating to the system's matrix switching bays, operator keyboards, pan/tilt and dome receivers, alarm interface units, "hot switch" units, master distribution amplifiers, VCR controllers, external computers, access control systems, etc. Two RS-232 full duplex ports are provided for communication to external computers requiring bi-directional communication. Two AT-type keyboard ports (front & rear) and a 3.5 inch floppy drive are provided for file transfers.

MODELS

CM9760-CC1 Central processing unit

SPECIFICATIONS

Electrical

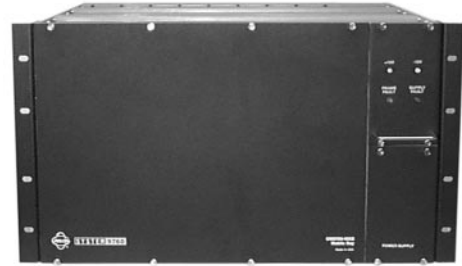
Input Voltage	120 VAC, 60 Hz or 230 VAC, 50 Hz, auto-ranging
Power Consumption	60 watts
Processor	Pentium® class CPU
Clock Speed	100 MHz or better
Memory	8 MB RAM, expandable to 64 MB
Disk Drive	3.5-inch, 1.44 MB
Hard Drive	2 GB
Monitor Output	VGA (monitor not supplied)
I/O Ports	Sixteen RS-422 (expandable to thirty-two) Two RS-232 One Parallel printer port One VGA output port Two TV Out ports One RCA (composite video, NTSC or PAL) One S-Video Two PC-AT compatible keyboard ports (one front, one rear)

General

Operating Temperature	32° to 120°F (0° to 49°C)
Dimensions	7.0" H x 19.0" W x 19.5" D (17.78 x 48.26 x 49.53 cm)
Mounting	Fits 19-inch EIA Standard rack (4 RUs)
Weight	29.2 lb (13.23 kg)

Certifications

- ◆ CE, Class A
- ◆ UL listed to Standard 2044
- ◆ cUL listed CSA Standard 22.2
- ◆ FCC, Class A



Matrix Switching Bay

The Matrix Switching Bay is a card cage with sixteen available card slots for video input modules (CM9760-VCC) and one card slot for video output modules (CM9760-VMC4, CM9760-VMC8, CM9760-VMC12, or CM9760-VMC16). Each bay is equipped with a power supply and can accommodate up to 256 inputs and 16 outputs. Multiple bays can be used to expand a single CPU system to a maximum of 976 camera inputs and 256 monitor outputs. System 9760 matrix switching bays are available with optional back-up power supplies. This feature protects against internal power supply failures. In the event of failure, an alarm port is available to activate alarm circuitry.

MODELS

CM9760-MXB	Matrix switching bay with 120 VAC, 60 Hz power supply
CM9760-MXB-X	Same as CM9760-MXB except has 230 VAC, 50 Hz power supply

SPECIFICATIONS

Electrical

Input Voltage	120 VAC, 60 Hz or 230 VAC, 50 Hz
Power Consumption	90 watts maximum (fully populated)
Communication	Full duplex RS-422 using either an RJ-45 or DB9 (D type) connector

Video

Inputs	Sixteen input card slots for supporting 256 inputs per bay
Outputs	One output card slot for supporting sixteen outputs per bay
Video Input Level	.5 to 2 Vp-p, RS170 composite video
Impedance	75 ohm terminating (looping versions available; add "L" suffix to model number when ordering)
Crosstalk	-55 dB @ 4.43 MHz

General

Operating Temperature	32° to 120°F (0° to 49°C)
Dimensions	10.5" H x 19" W x 20" D (26.67 x 48.26 x 50.8 cm)
Mounting	Fits 19-inch EIA Standard rack (6 RUs)
Weight	32 lb (14.5 kg), without cards

Certifications

- ◆ CE, Class A
- ◆ UL listed to Standard 2044
- ◆ cUL listed to CSA Standard 22.2
- ◆ FCC, Class A (CM9760-MXB)

SYSTEM COMPONENTS/TECHNICAL SPECIFICATIONS



Keyboard Controller

The System 9760 keyboard provides the main user interface to the system. It is ergonomically designed to provide system users with the maximum degree of flexibility in controlling camera call-up and pan and tilt/dome operation. Twenty-four programmable soft keys may be individually labeled with installation specific titles. This allows logical camera selection based on the camera's field of view rather than camera numbers. There is no need for the operator to remember individual camera numbers associated with viewing areas.

The CM9760-KBD includes a variable speed, vector-solving joystick with zoom control knob for pan/tilt/zoom and dome control. All additional lens control functions are positioned next to the joystick for one-handed operation. Two internal relays are provided to activate local devices such as video printers and VCRs. LCD display keys give system operators fingertip control of powerful programming and operational features. These keys access multiple menus of logically displayed icons for simplistic operation. All programmable soft keys illuminate when relays and auxiliaries are activated. The keyboard utilizes an adjustable backlit LCD screen to provide the greatest amount of flexibility in a variety of lighting conditions. Also, an adjustable audible beeper is provided to alert operators of all alarm conditions.

From the keyboard, the user can control GPI activated devices, receivers, camera/monitor switching, and multiplexer screen functions, and create single/dual patterns, zones, zone labels, presets and preset recalls. The user can also arm and disarm alarms as well as invoke stand-alone, direct mode operation.

MODELS

CM9760-KBD	Desktop variable-speed keyboard with 120 VAC, 60 Hz wall transformer
CM9760-KBD-X	Desktop variable-speed keyboard with 230 VAC, 50 Hz wall transformer
CM9760-KBR	Same as CM9760-KBD except rack mount
CM9760-KBR-X	Same as CM9760-KBD-X except rack mount
CM9760-KBD-35	Same as CM9760-KBD except compatible with systems using 9760MGR Ver. 1.16.010 or older
CM9760-KBD-35-X	Same as CM9760-KBD-35 except has 230 VAC, 50 Hz wall transformer

SPECIFICATIONS

Functional

Joystick	Vector-solving, variable-speed with zoom
Display	LCD, backlit icon and alphanumeric
Display Keys	Eight multi-function keys to access programming icons and menus
Definable Keys	Twenty-four programmable "soft" keys
Numeric Keys	Numeric keys (0-9) plus (Cam) and (Mon)
Specialty Keys	
(T) "Turbo"	Activates high speed mode of Intercept® and Spectra® domes
(Bkwd/Fwd)	Initiates backward or forward camera sequencing of next/last camera
(Run/Mac)	Initiates sequencing/calls pre-programmed macros
(Rcl/Alt)	Recalls previously selected cameras/calls next camera in group
(Prst/Lock)	Calls pre-position scene/locks currently displayed camera to monitor



Electrical

Input Voltage	12 VDC from 120 VAC, 60 Hz or 230 VAC, 50 Hz wall transformer (supplied)
Power Consumption	10 watts
Communication	RS-422, full duplex
Operating Distance	4,000 feet (1,219 m) on 24 AWG wire
Internal Relay Rating	1 ampere
General	
Operating Temperature	32° to 120°F (0° to 49°C)
Dimensions	
CM9760-KBD	3.30" H x 15.53" W x 7.80" D (8.38 x 39.45 x 19.81 cm)
CM9760-KBR	7.00" H x 19.00" W x 1.75" D (17.78 x 48.26 x 4.45 cm) Fits 19-inch EIA Standard rack (4 RUs)
Weight	
CM9760-KBD	4.59 lb (2.08 kg)
CM9760-KBR	6.40 lb (2.90 kg)

Certifications

- ◆ CE, Class A (CM9760KBD-X) and Class B (CM9760-KBR-X)
- ◆ FCC, Class A (CM9760-KBD and CM9760-KBR)



Standby CPU "Hot Switch" Unit

The switch-over unit for redundant CPU systems provides automatic or manual switching between CPUs for uninterrupted operation. Under normal conditions, both CPUs operate as if each are on-line. In the event of a primary CPU failure, the standby hot switch places the back-up CPU into the primary position and continues operation with no disruption to the system. An audible tone alerts operators of a failure and LEDs display switch-over diagnostics.

MODELS

CM9760-CCS	CPU "hot switch", 120 VAC, 60 Hz
CM9760-CCS-X	Same as CM9760-CCS except 230 VAC, 50 Hz
CM9760-CCS-CRD	Switch-over port cards
CM9760-CCS-PNL	Switch-over wiring harness kit

SPECIFICATIONS

Electrical

Input Voltage	120 VAC, 60 Hz or 230 VAC, 50 Hz (switch selectable)
Power Consumption	36 watts
General	
Dimensions	
CM9760-CCS	5.25" H x 19.00" W x 14.00" D (13.34 x 48.26 x 35.56 cm)
CM9760-CCS-PNL	5.25" H x 19.00" W x 5.37" D (13.34 x 48.26 x 13.64 cm)
Mounting (both units)	Fits 19-inch EIA Standard rack (3 RUs)

SYSTEM COMPONENTS/TECHNICAL SPECIFICATIONS



Alarm Interface Unit

The Alarm Interface Unit connects directly to the System 9760 controller. Each unit can monitor up to 64 alarms. Up to four units can be daisy-chained off one SERCOM port, and ten SERCOM ports can be assigned allowing up to 2,560 hard-wired alarms. The Alarm Interface Unit supports inputs from NO or NC, supervised or unsupervised, contacts.

MODEL

CM9760-ALM Alarm interface unit, 100-240 VAC, 50/60 Hz; 64 contact closure inputs, 1 relay output

SPECIFICATIONS

Electrical

Input Voltage 100-240 VAC, 50/60 Hz, auto-ranging
Power Consumption 30 vA (reactive consumption); 3 watts (active)

Data Ports
Input RS-232, DB9 connector
RS-422, RJ-45 connector
Output RS-422, RJ-45 connector
Indicators Two power LEDs, green
One alarm LED, red

Fusing 500 mA, 250 V
Relay Out Load rating for relay contacts: 0.50 A at 125 VAC or 1 A at 24 VDC

Operating Distance 4,000 feet (1,219 m) on 24 AWG

Mechanical

Connectors Alarm Input and Relay Out Removable mating screw terminal; supports 14-22 AWG

General

Operating Temperature 32° to 120°F (0° to 49°C)
Dimensions 1.75" H x 19.00" W x 8.15" D (4.45 x 48.26 x 20.70 cm)
Mounting Fits 19-inch EIA Standard rack (1 RU)
Weight 7 lb (3.17 kg)

Certifications

- ◆ CE, Class B
- ◆ FCC, Class B



Relay Interface Unit

The Relay Interface Unit connects directly to the System 9760 controller and provides dry contact switching for direct or automatic control of peripheral equipment. Each CM9760-REL provides up to 64 SPST contact outputs. Relays may be configured to be NO or NC. Relays may be configured (in groups of 16) to retain their last setting in the event power is cycled. Multiple units (up to 312) can be cascaded to extend the number of relay contact outputs controlled from a single port on the CC1.

MODEL

CM9760-REL Relay Interface Unit; 100-240 VAC, 50/60 Hz. 64 relay contact outputs.

SPECIFICATIONS

Electrical

Input Voltage 100-200 VAC, 50/60 Hz, auto-ranging
Power Consumption 30 VA (reactive consumption); 5 watts (active)

Data Ports
Input RS-422, RJ-45 connector
Output Dip switch selectable baud rate
Indicators RS-422, RJ-45 connector
Dip switch selectable baud rate
Two power LEDs, green
One data LED, red

Fusing 500 mA, 250V
Relay Output
Contact Parameters
Max. Switching Capacity 60 watts
Max. Operating Voltage 125V AC/DC
Max. Current 2 amps
Contact Resistance 75 m ohms
Rated Load Parameters .5A @ 125 VAC
2A @ 30 VDC

Mechanical

Connectors REL Input Four dual-header, 32 input connectors with mating plugs
Power 3-wire, 18 AWG
RS-422 Two RJ-45 connectors
RS-232 One, DB9 connector (factory use only)
Relay Out One, 3-pin header with mating plug

General

Operating Temperature 32° to 122°F (0° to 50°C)
Dimensions 1.75" H x 19.0" W x 8.54" D (4.45 x 48.26 x 21.69 cm)
Mounting Fits 19-inch EIA Standard rack (1 RU)
Weight 8 lb (3.63 kg)

Certifications

- ◆ CE, Class B
- ◆ FCC, Class B

SYSTEM COMPONENTS/TECHNICAL SPECIFICATIONS



Master Distribution Amplifier

The CM9760-MDA is a Master Distribution Amplifier that inserts time-date and a programmable title of up to twenty-four characters on one to sixteen video signals. Each of the sixteen ground isolated video inputs has selectable line compensation for up to 1,500 feet (457 m) of RG59/U. Four fully independent video outputs are provided for each input. Each video output is selectable to include or exclude time-date and title generation.
(For additional information, see spec sheet C573.)

MODELS

CM9760-MDA	Master distribution amplifier with time-date and title, 120 VAC, 60 Hz
CM9760-MDA-X	Same as CM9760-MDA except 230 VAC, 50 Hz

SPECIFICATIONS

Electrical

Input Voltage	CM9760-MDA: 120 VAC, 60 Hz CM9760-MDA-X: 230 VAC, 50 Hz
Power Consumption	25 watts
Fuse	120V: 250 mA 230V: 125 mA

Mechanical

Connectors	
Video Input	BNC (16)
Video Output	BNC (4 per input; 64 total)
Communications	
In	RJ-45
Out	RJ-45

Video

Video Input(s)	.5 to 2 Vp-p, 16 inputs per unit
Video Output(s)	1 Vp-p, 4 outputs per input
Input/Output Impedance	75 ohms, terminated
Inputs	Ground isolated
Brightness	Individually adjustable (digital)
Position	Individually adjustable (digital)

General

Operating Temperature	32° to 120°F (0° to 49°C)
Dimensions	5.25" H x 19.00" W x 12.9" D (13.34 x 48.26 x 32.77 cm)
Mounting	Fits 19-inch EIA Standard rack (3 RUs)
Weight	12.65 lb (5.74 kg)

Certifications

- ◆ CE, Class B
- ◆ FCC, Class B (CM9760-MDA)



Coaxitron Translator

The Coaxitron Translator is an interface that generates Coaxitron signals for Pelco Coaxitron receivers. Each translator supports up to sixteen receivers.

MODELS

CM9760-CXT	Coaxitron Translator
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SPECIFICATIONS

Electrical

Input Voltage	100-240 VAC, 50/60 Hz, auto-ranging
Power Consumption	15 vA (reactive consumption); 3 watts (active)

General

Operating Temperature	32° to 120°F (0° to 49°C)
Dimensions	1.75" H x 19" W x 11.125" D (4.45 x 48.26 x 28.26 cm)
Mounting	Fits 19-inch EIA Standard rack mount (1 RU)
Weight	5.74 lb (2.60 kg)

Certifications

- ◆ CE, Class B
- ◆ FCC, Class B

Satellite Video Matrix Switcher

The CM9760-SAT allows you to distribute switching capability around a facility, reducing the number of coax runs to the 9760 matrix and allowing local monitoring at the satellite switch locations. Up to 16 cameras can be connected to one CM9760-SAT. Four outputs are provided. At least one must be used for video feed to a camera input on the CM9760 matrix bay. The others can be used for either local monitors or additional tie lines. This allows 16 cameras to share:

- one video feed, one camera at a time, and three local monitors;
- or 2 video feeds, 2 cameras at a time, and two local monitors;
- or 3 video feeds, 3 cameras at a time, and one local monitor;
- or 4 video feeds, 4 cameras at a time, and no local monitor.

Cameras can be selected for viewing and controlled from either the main keyboard at the CM9760 matrix bay or from a local keyboard at the satellite unit. In addition to camera selection and control, the satellite provides 16 alarm inputs that can transport alarms to the main control center.

The KBD200, 300 or 300V keyboards can be used with the CM9760-SAT.

MODELS

CM9760-SAT	Satellite video matrix switcher, 16 inputs by 4 outputs, NTSC
CM9760-SAT-X	Satellite video matrix switcher, 16 inputs by 4 outputs, PAL

SPECIFICATIONS

Electrical

Input Voltage	120 VAC, 50/60 Hz or 230 VAC, 50 Hz
Power Consumption	10 watts

Certifications

- ◆ CE, Class B (CM9760-SAT-X)
- ◆ UL listed to Standard 2044 (CM9760-SAT)
- ◆ cUL listed to CSA Standard 22.2 (CM9760-SAT)
- ◆ FCC, Class A (CM9760-SAT)



SYSTEM COMPONENTS

SYSTEM COMPONENTS

Refer to the product overview sections at the beginning of this specification sheet for model numbers on the following components: keyboard, alarm interface, relay interface, switchover card cage and master distribution amplifier.

Controller

CM9760-CC1	CPU controller with Pentium® processor. Operates on 120 VAC, 60 Hz or 230 VAC, 50 Hz. (4 RUs)
CM9760-SER	Serial communication card (RS-422 SERCOM) provides eight communication ports to interface peripheral equipment. (4 maximum per CPU.)
CM9760-CC1-VID	CPU VGA card; includes TV Out ports for composite and S-Video connections, in addition to standard VGA port for display of system diagnostics and programming.
CM9760-UPG-7803	9760 System software upgrade package; updates 9760 system to version 7.803 software.

Matrix Bay

CM9760-MXB	Video matrix bay equipped with CM9760-MPS power supply. 120 VAC, 60 Hz. (6 RUs)
CM9760-MXB-X	Same as CM9760-MXB except 230 VAC, 50 Hz.
CM9760-MXBL	Video matrix bay for use with downframe looping cards (CM9760-DFL). No power required. (6 RUs)
CM9760-MPS	Matrix bay power supply (spare). 120 VAC, 60 Hz.
CM9760-MPS-X	Matrix bay power supply (spare). 230 VAC, 50 Hz.
CM9760-VCC	Video input (camera) card capable of accepting up to 16 camera inputs. Also requires CM9760-RPC.
CM9760-RPC	Rear panel (BNC) card provides 16 BNC connectors used to connect camera inputs to matrix bay.
CM9760-DFC	Downframe card and cable assembly; connects multiple matrix bays for expansion purposes.
CM9760-DFL	Same as CM9760-DFC except has looping inputs.
CM9760-RPL	Double wide rear panel card for single bay looping. Maximum number of inputs per bay reduced to 128.
CM9760-VMC4	Video output (monitor) card providing 4 monitor outputs. Requires CM9760-RPM.
CM9760-VMC8	Video output (monitor) card providing 8 monitor outputs. Requires CM9760-RPM.
CM9760-VMC12	Video output (monitor) card providing 12 monitor outputs. Requires CM9760-RPM.
CM9760-VMC16	Video output (monitor) card; provides 16 monitor outputs. Requires CM9760-RPM.
CM9760-VMM	Video output module; expands CM9760-VMC4, CM9760-VMC8 or CM9760-VMC12.
CM9760-RPM	Rear panel (BNC) card; provides 16 BNCs used to connect monitor outputs to matrix bay; also interfaces video output signals from video output card.

VCR Controllers

CM9760P-IRC	Infrared VCR controller card cage; controls VCR functions using infrared. (128 VCRs/cage max.) (3 RUs)
CM9760P-IRC-JVC	VCR control card for controlling up to 32 JVC brand VCRs.
CM9760P-IRC-MIT	VCR control card for controlling up to 32 Mitsubishi brand VCRs.
CM9760P-IRC-PAN	VCR control card for controlling up to 32 Panasonic brand VCRs.
CM9760P-IRC-SHP	VCR control card for controlling up to 32 Sharp brand VCRs.

CM9760-IRC-TX	VCR control cable (1 per VCR required).
CM9760-VCRC	VCR controller; controls Sanyo and Sony model VCRs that support resistive ladder remote control and Sony "S-Link" remote control. (64 VCRs per controller.) (1 RU) (See C1491 spec)
CM9760-VCRC-P	VCR controller; controls Pelco TLR2096 VCR. (64 VCRs per controller.) (1 RU) (See C1491 spec)
CM9760-VCRC-PTX	VCR control cable; 50-foot cable. Use with CM9760-VCRC-P.
CM9760-VCRC-TX	VCR control cable; 20-foot control cable (1/8-inch jack to bare leads) for connecting VCR to controller.
CM9760-VCRC-C20	Same as CM9760-VCRC-TX except 20-foot (6.1 m) length
CM9760-VCRC-C50	Same as CM9760-VCRC-TX except 50-foot (15.2 m) length

Miscellaneous

CM9760-CDU-T	Code distribution unit; 16-channel RS-422 transmit only (2-wire and ground) distributor. Primarily used for "star" configuring up to 16 pan/tilt/zoom receiver data runs. (1 RU)
CM9760-CDU-TR	Same as CM9760-CDU-T except transmit and receive version (4-wire and ground) for bi-directional receivers. (1 RU)
CM9760-RDU	Passive two-wire receiver distribution panel (1 input x 16 outputs). RJ-45 input and screw terminal output. Primarily used for "star" configuring up to 16 pan/tilt/zoom receiver data runs. (1 RU) (Can also be used with Pelco CM6700 matrix switcher and Genex® multiplexer.)
CM9760-NW1	Network interface unit; network CPU and software necessary for joining two or more independent systems together.
CM9760-DT	ASCII translator; translates programmed ASCII messages sent from an access control device or device capable of sending valid ASCII messages. 120 VAC, 60 Hz. Desktop model; 1.75" H x 5.50" W x 8.8" D.
CM9760-DT-X	Same as CM9760-DT except 230 VAC, 50 Hz.
CM9760-DT4	Same as CM9760-DT except used to interface ACD devices to RS-422 COM ports on CM9760-CC1.
CM9760-DT4-X	Same as CM9760-DT4 except 230 VAC, 50 Hz.
CM9760P-PEX	Port expander card cage; each cage can be fitted with up to five port expander cards. (3 RUs)
CM9760P-PEX-CRD	Port expander card; each card expands one COM port into eight RS-422 ports.
CM9760-RKIT	Eight RJ-45 to DB9 converters for retrofitting CM9760-CC1 with CM9750 peripherals.
CM9760-CXT	Coaxitron Translator. Controls up to 16 Pelco Coaxitron receivers. Data input RS-422, full duplex. (1 RU)

COMPATIBLE RECEIVERS

Spectra® Series	Spectra dome multi-protocol receiver. (See C1487 and C1498 specs)
ERD97P21-U	Pelco "P" protocol receiver. (See C571 spec)
LRD41C21-1/-2/-3	Legacy® fixed speed receiver with presets. (See C557 spec)
LRD41C22-1/-2/-3	Same as LRD41C21 Series except variable speed receiver. (See C557 spec)

RU = Rack Unit. One RU is equivalent to 1.75 inches (4.45 cm) of vertical space. Identifies number of rack units required to mount component in a 19-inch EIA Standard rack mount.

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MATRIX SWITCHERS
CM9760 MATRIX