

# SYSTEM COMPONENTS AND ACCESSORIES

## MODELS

### CONTROLLER

CM9700-CC1	CPU controller. Operates on 120 VAC, 60 Hz or 230 VAC, 50 Hz. (4 RUs).
CM9700-SER	Serial communication card (RS-422 SERCOM) provides 8 communication ports to interface peripheral equipment (4 maximum per CPU).
CM9700-SER-32	Port expansion unit: 32 serial communication (SERCOM) ports per unit. Up to 3 units can be added to a CC1. (Check with Pelco Systems Applications Department before adding to an existing CM9700-CC1.) Includes inter-connecting cables and adapters for DB9 and RJ45 connectors. Data interface can be RS-232 or RS-422. (4 RUs).

### MATRIX BAY

CM9780-MXB	Video matrix bay equipped with CM9700-MPS power supply. 100-240 VAC, 50/60 Hz, autoranging (6 RUs).
CM9700-MPS	Matrix bay power supply (spare). 120 VAC, 60 Hz or 230 VAC, 50 Hz.
CM9780-DFC	Rear panel card used to connect video ribbon cables from the CM9700-VPP video patch panels; also used for sideframing, downframing, and looping.
CM9780-VCC	Video camera card capable of accepting up to 32 camera inputs. Requires a rear panel card (CM9780-DFC) and associated VPP panels.
CM9780-RPC	Rear panel video card; provides 32 BNC connectors used for sideframing from additional input bays.
CM9780-VMC	Video monitor card providing 16 monitor outputs; requires CM9780-RPM.
CM9780-RPM	Rear panel monitor card; provides 16 BNCs to connect monitor outputs to matrix bay; also interfaces video output signals from video output card.
CM9700-VPP	Video patch panel; provides 32 BNC inputs for bringing video inputs into the system or 32 BNC connections for looping video out of the system; includes 16-channel coaxial ribbon cable, 3 feet (0.91 m). (3 VPP units = 2 RUs; actual height of each VPP is 1.07 inches [2.7 cm]).
CM9700-VPP-RK	Optional rack mount designed to hold up to 16 CM9700-VPP patch panels. (8 RUs).
CM9700-CBL-06FT	16-channel coaxial ribbon cable, 6 feet (1.82 m).
CM9700-CBL-10FT	16-channel coaxial ribbon cable, 10 feet (3.04 m).

CM9700-VPP video patch panels can be mounted horizontally into a standard EIA rack. Although you can mount multiple video patch panels into a rack, a CM9700-VPP-RK can be used to save rack space if using more than nine video patch panels. A cable management bracket is attached to each end of the video patch panel.

The CM9700-VPP-RK can hold a maximum of 16 CM9700-VPP video patch panels. The CM9700-VPP-RK is mounted into a standard EIA rack and then the panels are mounted vertically into the CM9700-VPP-RK. Each video patch panel is secured to the CM9700-VPP-RK by way of two thumbscrews. You can attach two cable management brackets to each end of the CM9700-VPP-RK.



CM9700-VPP FRONT PANEL

## OPTIONAL COMPONENTS

The following components are compatible with the 9780 System:

### KEYBOARDS

#### CM9760 Keyboard Controller

The CM9760 keyboard controller allows the user to control the system. The keyboard includes a variable speed, vector-solving joystick with zoom control knob for pan/tilt/zoom (PTZ) and dome control. 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 implement stand-alone, direct mode operation. As many as 24 programmable soft keys can be individually labeled allowing logical camera selection based on the camera's field of view rather than camera numbers.

CM9760-KBD	Full-function desktop variable speed keyboard, white finish; 100-240 VAC, 50/60 Hz.
CM9760-KBD-B	Full-function desktop variable speed keyboard, black finish; 100-240 VAC, 50/60 Hz.
CM9760-KBR	Full-function 19-inch EIA rack mount keyboard (4 RUs); available in black finish only; 100-240 VAC, 50/60 Hz.

A suffix of -US, -UK, -AU, or -EU, designating a region-specific power cord, is added to the above model numbers when ordering. For example, a CM9760-KBD-US is a desktop keyboard (white finish) with a power cord for use in the United States.

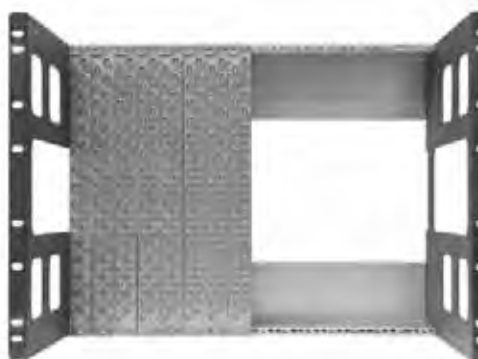
#### KBD200A and KBD300A Keyboard Controllers

The KBD200A and KBD300A keyboards both provide control of camera/monitor switching; preset, pattern, and sequence operation; local and receiver auxiliary operation; and multiplexer screen functions.

KBD200A	Desktop keyboard with full switching capabilities, plus push-button control of PTZ functions. 12 VAC or $\pm 12$ VDC. (Requires KBDKIT for power.)
KBD300A	Desktop keyboard with full switching capabilities, plus joystick control of PTZ functions. 12 VAC or $\pm 12$ VDC. (Requires KBDKIT for power.)

### NETWORK INTERFACE UNIT

CM9700-NW1	Network interface unit; network CPU and software necessary for joining two or more independent systems together. (4 RUs).
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CM9700-VPP-RK RACK MOUNT  
(SHOWN WITH VPP PATCH PANELS INSTALLED)