

# CM9760 Series Matrix

## MICROPROCESSOR-BASED SWITCHER/CONTROLLER, 2,048 INPUTS, 512 OUTPUTS

### Product Features

- Microprocessor-Based, Full Cross-Point Video Matrix
- Control up to 2,048 Cameras and 512 Monitors in a Single Node, or Expand Camera Capacity with a Multi-Node System (up to 24 Nodes).
- Full System Reports From CM9700-MGR Provide System Wiring and Configuration Details
- Sixteen RS-422 COM Ports (Expandable to 120) and Two RS-232 Full-Duplex Ports Available on the CPU
- Logical Camera Selection
- Priority Level Operation
- Multiplexer and DVR Control Via Keyboard
- Built-in Video Loss Detection and System Diagnostics
- Windows®-Based System Management Software (Windows 2000, XP) Includes Multilanguage Menus and On-Screen Help
- Factory Tested Prepackaged Systems
- ASCII Data Input to Interface Access Control and Other External Computer-Based Systems
- Step-Command Macro Programming
- Remote Viewing and Control over TCP/IP Networks Using PelcoNet™



**System 9760®** is a full-featured video matrix switching control system that allows users to view and control up to 2,048 cameras and 512 monitors on a single node. Up to 96 individual user-defined ID numbers can be assigned to allow or deny access to system functions.

The base configuration for this system is made up of a central processing unit (CC1), matrix switching bay(s) (MXBs) with video input/output modules, and keyboard controllers (KBDs). Optional components can be added to enhance system capabilities.

Preconfigured, prepackaged systems make installation fast and simple. System 9760 features a user-friendly Windows-based management system, which allows for easy system programming and maintenance.

Macros allow activation of events based on schedule or alarm. Macros may call system-wide sequences (tours); activate preset positions on properly equipped cameras; and activate external relays to control auxiliary functions such as locking doors (additional equipment may be required).

**System 9760** also includes built-in video loss detection and system diagnostic features. Optional DVR management allows DVRs to be controlled directly from the system keyboards. Suitable DVRs can be monitored for operational conditions ensuring continuous recording.

### Optional Accessories

- "Hot Switch" and Backup CPU Ensure Uninterrupted Operation
- Redundant Power Supplies for Switching Bays
- Coaxitron® Translator Allows PTZ Communication Over Standard Coaxial Cable
- Responds to 5,000 Alarms
- Network Interface Unit Allows Multiple Systems to Share Video and Control
- Graphical User Interface (VMX300) for Simplified Control from External PC
- DVR Management

*All CM9760 Series systems require installation by a Pelco Certified Dealer/Installer. This specification sheet may be used for purposes of information only and does not constitute approval or certification of the receiving party. Proof of certification must be provided prior to shipment of CM9760 systems contained herein.*

