

# PMVC4/PMVR2 Multiviewer

## MULTIPLE IMAGE DISPLAY SYSTEM

### Product Features

- Displays up to 60 (PMVC4) or 30 (PMVR2) Image Windows on a Single Display
- Modular Design, Units of 1 RU Can Be Cascaded Together
- No Single Point of Failure
- PMVC4 Supports 4 Composite Video Signals
- PMVR2 Supports 2 VGA or 2 DVI Input Signals\*
- Video Source Displayed in Real Time with No Frame Loss
- Common Software on Both Models
- Includes User-Friendly, Windows-Based GUI
- Any Image Can Be Viewed as a Full Screen



- Virtually Limitless Number of Display Layouts Can Be Created and Managed Using User-Assignable Hot Keys
- Image Windows Can Be Titled for Easy Identification
- Aspect Ratios Can Be Adjusted to Meet Image Format

Today's security and operations control rooms demand reliable multiple-image display systems that can be easily configured and controlled to meet the individual user's needs. Pelco's **PMVC4** and **PMVR2** are high-quality, multiple-source display processors or multiviewers. Multiple video and computer sources are routed to a multiviewer and displayed on a single display. These inputs can be from virtually any source; for example, cameras, matrix systems, computers, DVRs, and so forth. Through the Pelco Multiviewer Manager (PMM) display, layouts can be customized so individual windows can be sized and positioned anywhere on the screen, and aspect ratios can be adjusted to suit the image format. The operator can also create image labels and on-screen borders for easy identification.

Pelco's multiviewers are based on a no-single-point-of-failure design, making these products ideal for mission critical and dynamic environments. The multiviewers can be mixed to match the exact application needs. Their modular design means units can be cascaded together to provide up to 60 (**PMVC4**) or 30 (**PMVR2**) inputs on a single display. As the system is based on a distributed architecture, video will still pass through even in the unlikely event of a module failure.

The **PMVC4** has four composite video inputs. The **PMVC4** can be used as a stand-alone module or can be cascaded to accommodate more inputs.

The **PMVR2** is used for computer- or DVR-generated signals. Each **PMVR2** module accepts two VGA inputs, two DVI inputs, or one of each.\*

\*The PMVR2 can display either DVI or VGA signals, but not both on the same channel; however, it can display both DVI and VGA signals if they are on different channels (for example, DVI on DVI 1 and VGA on VGA 2).



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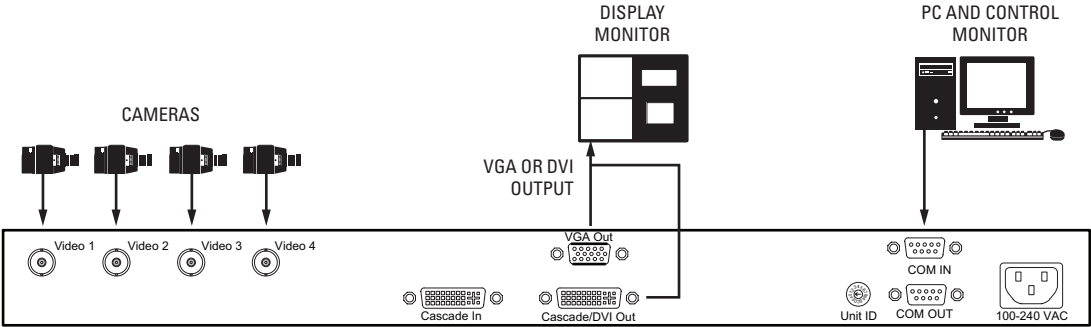
International Standards  
Organization Registered Firm,  
ISO 9001 Quality System



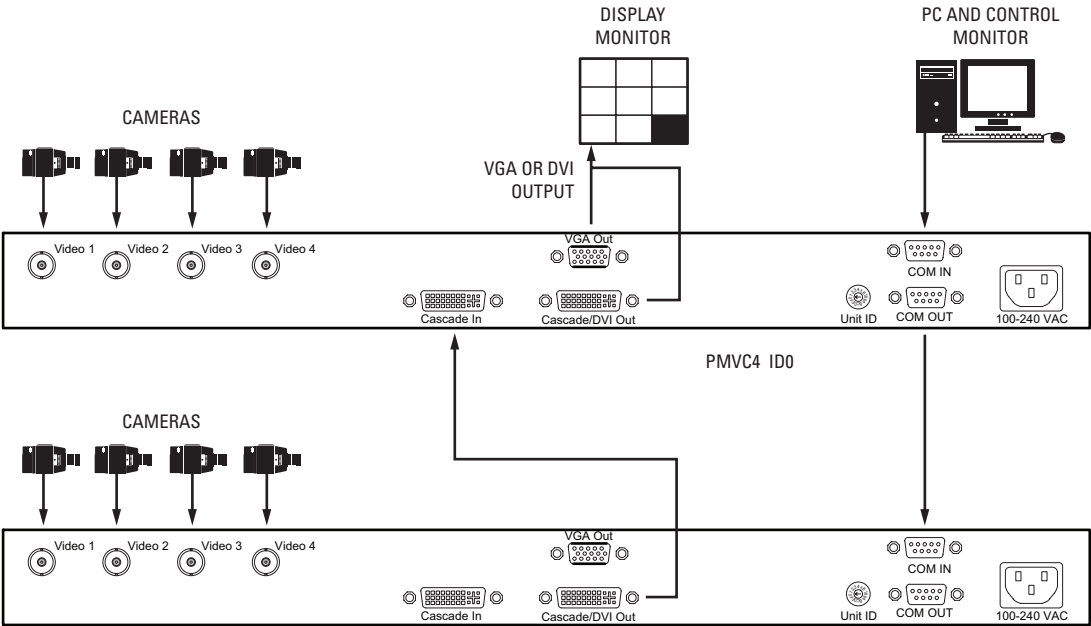
# SYSTEM CONFIGURATIONS

**IMPORTANT NOTE. PLEASE READ.**

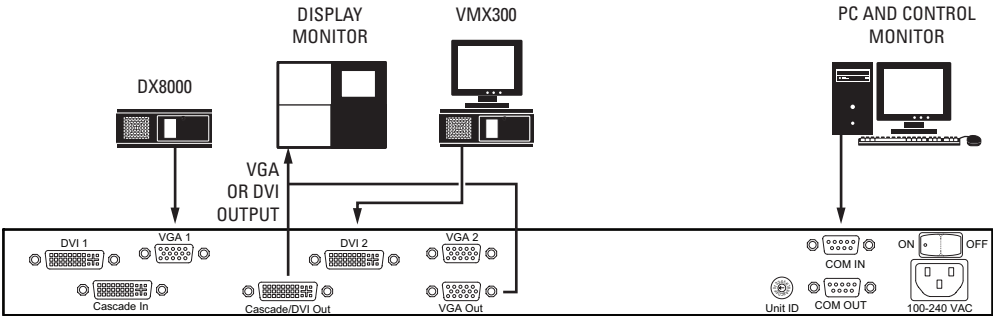
The network implementations are shown as general representations only and are not intended to show detailed network topologies. Your actual network will differ, requiring changes or perhaps additional network equipment to accommodate the systems as illustrated. Please contact your local Pelco Representative to discuss your specific requirements.



PMVC4  
Single PMVC4 System Configuration

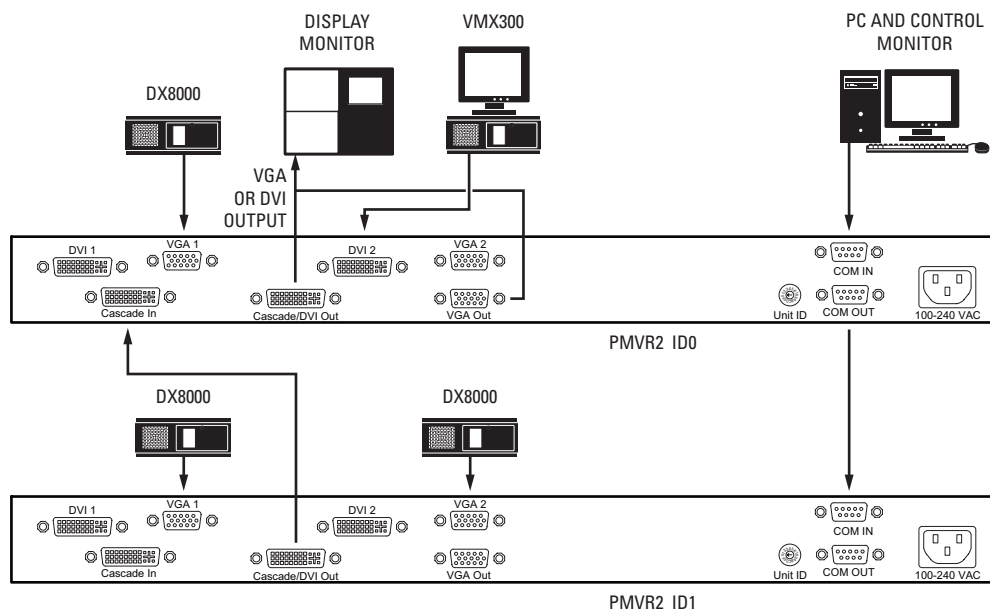


PMVC4 ID0  
PMVC4 ID1  
Multiple PMVC4 System Configuration

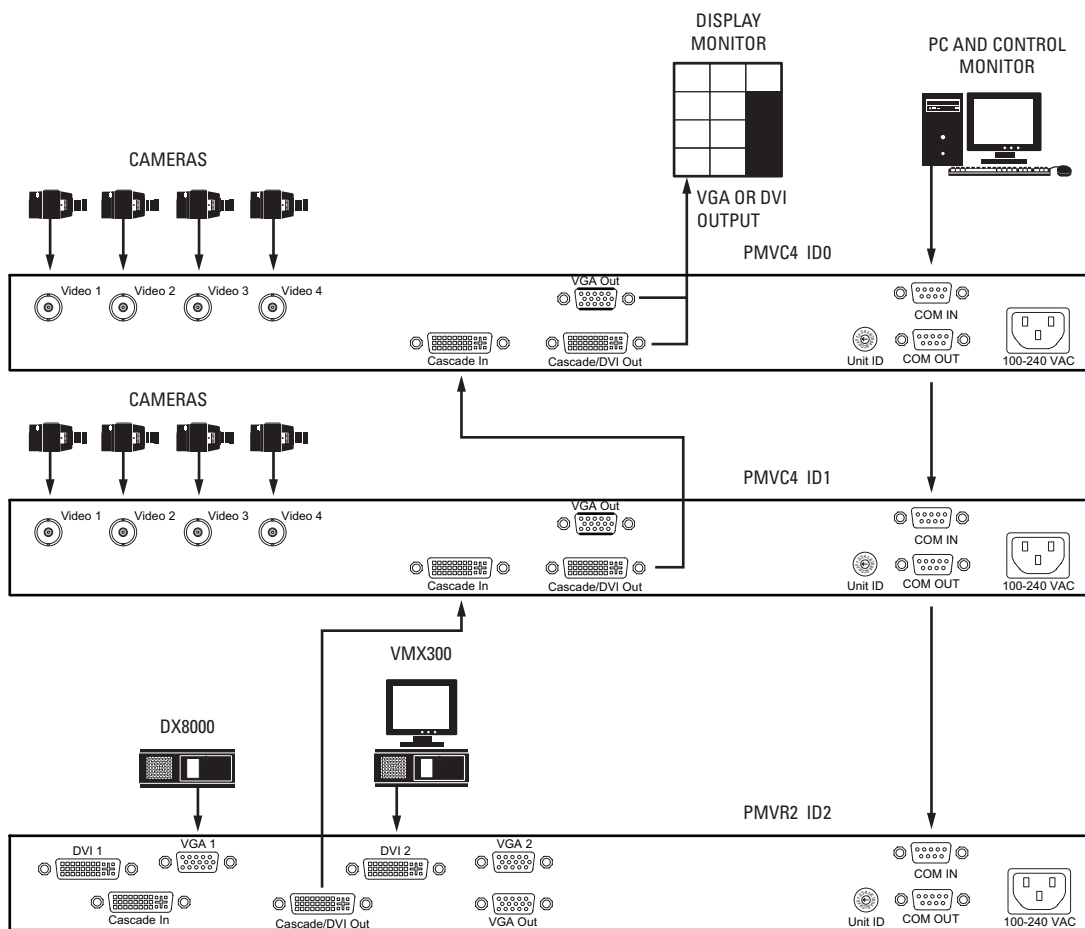


PMVR2  
Single PMVR2 System Configuration

# SYSTEM CONFIGURATIONS



**Multiple PMVR2 System Configuration**



**Multiple PMVC4 and Single PMVR2 System Configuration**

# TECHNICAL SPECIFICATIONS

## MODELS

PMVC4	Multiviewer with 4 composite inputs
PMVR2	Multiviewer with 2 RGB (VGA), 2 DVI inputs

## Supplied Accessories

- US standard power cable
- EU standard power cable
- DVI-I to DVI-I cascading cable
- RS-485 communication cable for cascading control to the PC when cascading units
- DB9 communication control cable
- RS-232 to RS-485 converter
- Pelco Multiviewer Manager (PMM) software

## GENERAL

Construction	
Chassis	Aluminum
Cover	Aluminum, black polyester powder coat
Panel	Aluminum, black polyester powder coat with white silk screen

## COMPUTER

Software	Pelco Multiviewer Manager (PMM), included
PC Requirements	Pentium® 333-MHz or higher processor, 256 MB of RAM, 2 GB or higher available hard disk space
Hot Keys	4 keys to quickly load system presets; 4 keys to quickly load group presets

## ELECTRICAL

Power Requirements	1.5 VA (0.125 A) at 12 VAC +/- 50/60 Hz, from a dedicated, isolated 120 or 230 VAC power source; wall transformer is provided with the unit
Connectors	BNC

## VIDEO

Inputs	
PMVC4	4 composite, PAL/NTSC, autosensing
PMVR2	2 VGA, 2 DVI
Display Resolution	Supports selectable resolution to a maximum of 1920 x 1200
Supported Resolutions	1024 x 768, 1280 x 1024, 1280 x 768, 1400 x 1050, 1600 x 1200, 1366 x 768, 1920 x 1200

## PHYSICAL

Dimensions	
PMVC4	10.00" D x 19.00" W x 1.75" H (25.4 x 48.3 x 4.4 cm)
PMVR2	10.00" D x 16.75" W x 1.75" H (25.4 x 42.6 x 4.4 cm)
Weight	
PMVC4	4.84 lb (2.20 kg)
PMVR2	5.56 lb (2.52 kg)
Shipping Weight	
PMVC4	8 lb (3.63 kg)
PMVR2	9 lb (4.08 kg)

## ENVIRONMENTAL

Operating Temperature	41° to 122°F (5° to 50°C)
Operating Humidity	20% to 80%, noncondensing

## CERTIFICATIONS

- FCC, Class A (PMVC4)
- FCC, Class B (PMVR2)
- UL/cUL Listed
- C-Tick



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