

**CM6700-VMC2**

**Expansion Card**

## **Installation/Operation Manual**

**C524M (8/97)**

### **1.0 WARNINGS**

Prior to installation and use of this product, the following WARNINGS should be observed.

1. Installation and servicing should only be done by Qualified Service Personnel and conform to all Local codes.
2. Only use replacement parts recommended by Pelco.
3. After replacement/repair of this unit's electrical components, conduct a resistance measurement between line and exposed parts to verify the exposed parts have not been connected to line circuitry.

**The product and/or manual may bear the following marks:**



This symbol indicates static sensitive components. Use antistatic grounding equipment whenever handling or servicing modules and components. When circuit modules are removed from the frame, place them on a flat static-controlled surface. Failure to follow this precaution can result in component damage due to electrostatic discharge.



This symbol indicates that there are important operating and maintenance instructions in the literature accompanying this unit.

**Please thoroughly familiarize yourself with the information in this manual prior to installation and operation.**

## 2.0 DESCRIPTION

The CM6700-VMC2 is a 2-monitor expansion card for the CM6700 Matrix System. This simple, plug-and-play installation expands the CM6700 video outputs from two (2) to four (4) monitors. When the system is powered again after installation, the CM6700 will automatically recognize the expansion card.

Included in this package:

Qty	Item	Part Number
1	2-monitor expansion card	CM6700-VMC2 (NTSC version) CM6700-VMC2-X (PAL version)
5	1/4-inch hex standoff	SPA8423
5	6-32 phillips head screw	ZH6-32.250BPP
5	#6 nylon washer	ZH150X310X32N

## 3.0 INSTALLATION



**CAUTION:** *The CM6700-VMC2 is a static sensitive device. Exercise caution during handling and while working around the exposed electronics within the CM6700.*



**WARNING:** *Installation of the CM6700-VMC2 should only be done by qualified service personnel and should include the use of an appropriate grounding strap.*

**IMPORTANT:** *The expansion card must be carefully aligned to avoid damage to the connector pins.*

To facilitate the installation the CM6700-VMC2 expansion board, removal of the CM6700 Switcher/Controller Unit (SCU) from its installed location may be required.

Inspect the expansion card prior to installation. It is very important that all of the expansion card connector pins are straight before attempting to install the expansion card.

To install the CM6700-VMC2 do the following:

1. Disconnect the CM6700 power cord from the wall outlet.
2. Remove the top cover from the CM6700 SCU.
3. Remove and replace the five (5) motherboard mounting bolts with the five (5) 1/4-inch hex standoffs (supplied), and tighten. See Figure 1.
4. Determine the correct orientation of the expansion card to the motherboard. The connector pins on the expansion card correspond to the 8 connectors shown in Figure 1.
5. Seat the expansion card. This is a delicate process. The connector pins on the expansion card must align **exactly** with the connectors on the motherboard.
  - a. Place the expansion card onto the standoffs.
  - b. Align the two (2) connector pins indicated in Figure 1 with their corresponding connector openings.
  - c. Once the pins are aligned, gently push the expansion card onto the connectors, a little at a time, until the expansion card is completely seated onto the motherboard.
  - d. Be sure that the expansion board is fully seated.
8. Using the 6-32 screws and nylon washers (included), secure the expansion card to the standoffs.
9. Replace the SCU cover and plug the power cord into the wall outlet.

The SCU will automatically recognize the expansion card upon power up of the system.

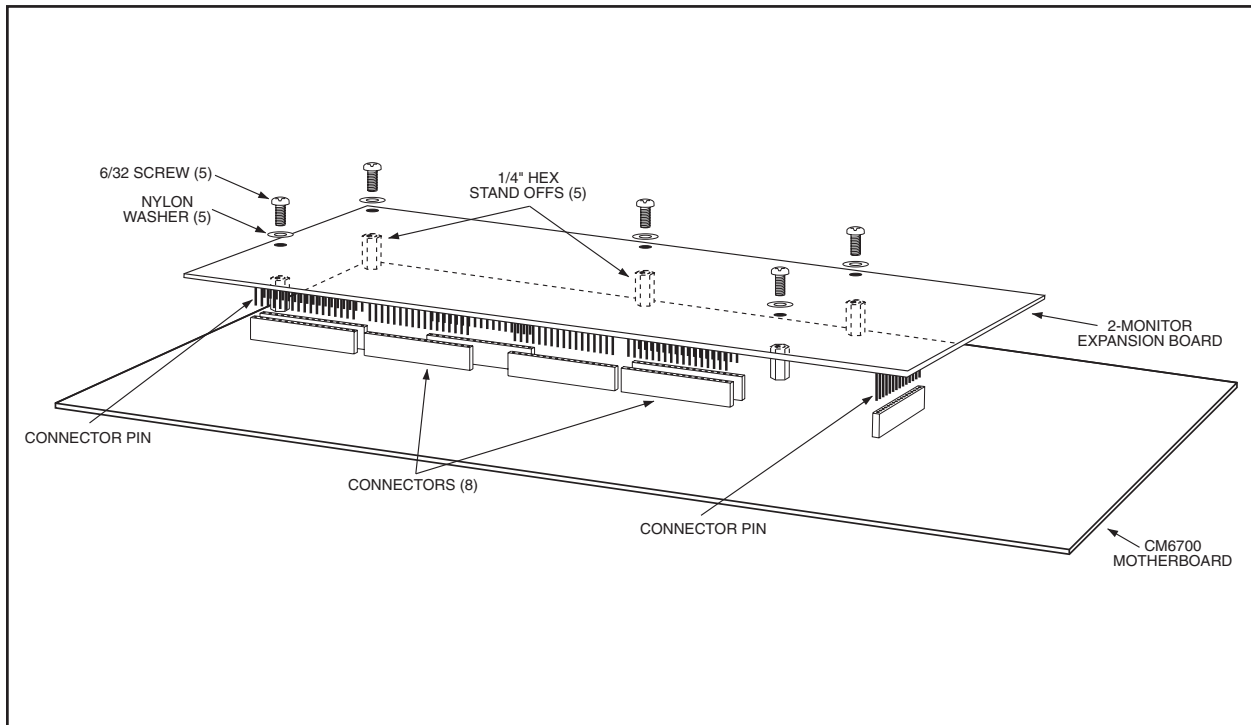


Figure 1. Exploded Assembly Diagram

## 4.0 WARRANTY AND RETURN INFORMATION

### WARRANTY

Pelco will repair or replace, without charge, any merchandise proved defective in material or workmanship for a period of one year after the date of shipment.

Exceptions to this warranty are as noted below:

- Five years on FT/FR8000 Series fiber optic products.
- Three years on Genex® Series products (multiplexers, server, and keyboard).
- Three years on Camclosure® and fixed camera models, except the CC3701H-2, CC3701H-2X, CC3751H-2, CC3651H-2X, MC3651H-2, and MC3651H-2X camera models, which have a five-year warranty.
- Two years on standard motorized or fixed focal length lenses.
- Two years on Legacy®, CM6700/CM6800/CM9700 Series matrix, and DF5/DF8 Series fixed dome products.
- Two years on Spectra®, Esprit®, ExSite™, and PS20 scanners, including when used in continuous motion applications.
- Two years on Esprit® and WW5700 Series window wiper (excluding wiper blades).
- Eighteen months on DX Series digital video recorders, NVR300 Series network video recorders, and Endura™ Series distributed network-based video products.
- One year (except video heads) on video cassette recorders (VCRs). Video heads will be covered for a period of six months.
- Six months on all pan and tilts, scanners or preset lenses used in continuous motion applications (that is, preset scan, tour and auto scan modes).

Pelco will warrant all replacement parts and repairs for 90 days from the date of Pelco shipment. All goods requiring warranty repair shall be sent freight prepaid to Pelco, Clovis, California. Repairs made necessary by reason of misuse, alteration, normal wear, or accident are not covered under this warranty.

Pelco assumes no risk and shall be subject to no liability for damages or loss resulting from the specific use or application made of the Products. Pelco's liability for any claim, whether based on breach of contract, negligence, infringement of any rights of any party or product liability, relating to the Products shall not exceed the price paid by the Dealer to Pelco for such Products. In no event will Pelco be liable for any special, incidental or consequential damages (including loss of use, loss of profit and claims of third parties) however caused, whether by the negligence of Pelco or otherwise.

The above warranty provides the Dealer with specific legal rights. The Dealer may also have additional rights, which are subject to variation from state to state.

If a warranty repair is required, the Dealer must contact Pelco at (800) 289-9100 or (559) 292-1981 to obtain a Repair Authorization number (RA), and provide the following information:

1. Model and serial number
2. Date of shipment, P.O. number, Sales Order number, or Pelco invoice number
3. Details of the defect or problem

If there is a dispute regarding the warranty of a product which does not fall under the warranty conditions stated above, please include a written explanation with the product when returned.

Method of return shipment shall be the same or equal to the method by which the item was received by Pelco.

### RETURNS

In order to expedite parts returned to the factory for repair or credit, please call the factory at (800) 289-9100 or (559) 292-1981 to obtain an authorization number (CA number if returned for credit, and RA number if returned for repair).

All merchandise returned for credit may be subject to a 20% restocking and refurbishing charge. Goods returned for repair or credit should be clearly identified with the assigned CA or RA number and freight should be prepaid. Ship to the appropriate address below.

If you are located within the continental U.S., Alaska, Hawaii or Puerto Rico, send goods to:

Service Department  
Pelco  
3500 Pelco Way  
Clovis, CA 93612-5699

If you are located outside the continental U.S., Alaska, Hawaii or Puerto Rico and are instructed to return goods to the USA, you may do one of the following:

If the goods are to be sent by a COURIER SERVICE, send the goods to:

Pelco  
3500 Pelco Way  
Clovis, CA 93612-5699 USA

If the goods are to be sent by a FREIGHT FORWARDER, send the goods to:

Pelco c/o Expeditors  
473 Eccles Avenue  
South San Francisco, CA 94080 USA  
Phone: 650-737-1700  
Fax: 650-737-0933

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This equipment contains electrical or electronic components that must be recycled properly to comply with Directive 2002/96/EC of the European Union regarding the disposal of waste electrical and electronic equipment (WEEE). Contact your local dealer for procedures for recycling this equipment.

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