



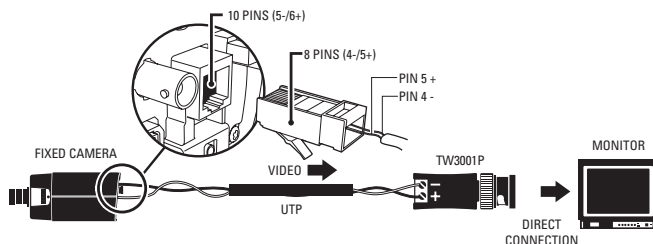
C1664M-A (11/05)

TW3001P Passive Single-Channel Video Transceiver

The TW3001P video transceiver is a passive (no power required) single-channel balun that sends full motion video (color/black-white) and Coaxitron® PTZ control signals over a single unshielded twisted pair (UTP) cable. Two TW3001Ps or one TW3001P with a transceiver or active receiver are required for transmission over a single UTP cable. The TW3001P is compatible with all Pelco twisted pair equipped cameras, enclosures, and domes.

Cable Type	Distance (with Coaxitron)	Distance (video only)
CAT 3	300 ft	400 ft
CAT 5	500 ft	650 ft
CAT 5e	750 ft	1,000 ft
CAT 6	750 ft	1,000 ft

NOTE: CAT 5e cable is recommended for optimum video performance.



NOTE: A TW3001P CAN BE CONNECTED DIRECTLY INTO CAMERAS THAT DO NOT HAVE AN RJ-45 CONNECTOR. UTP CAMERAS HAVE A10-PIN RJ-45 CONNECTOR. STANDARD RJ-45 CONNECTORS HAVE 8 PINS.

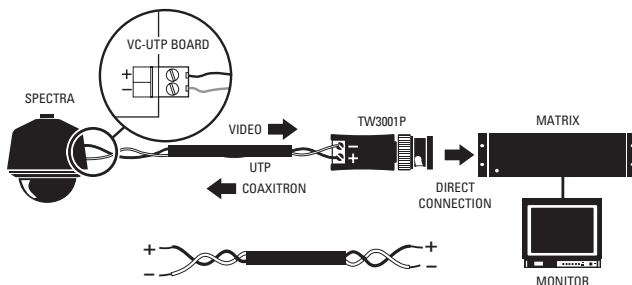
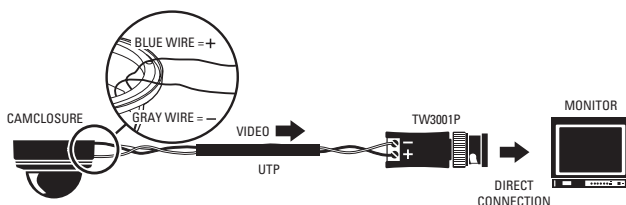


Figure 1. TW3001P Basic Applications

Wire Gauge (maximum allowable)	
Single Wire (solid)	16 AWG (1.5 mm ²)
Stranded Wire (flexible)	18 AWG (1.0 mm ²)

PRODUCT WARRANTY AND RETURN INFORMATION

WARRANTY

Pelco will repair or replace, without charge, any TW3000 Series twisted pair transmission product proved defective in material or workmanship for a period of **18 months** after the date of shipment.

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



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.

REVISION HISTORY

Manual #	Date	Comments
C1664M	4/05	Original version.
C1664M-A	11/05	Added table with cable type and distance.

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