



EAGLE® PTE-200/300
Pan Tilt Head

Installation Notes for PT-EE-L housing
June 2000



Distributed by Hitachi Denshi America Ltd.
150 Crossways Park Drive
Woodbury, NY 11797
(516) 921-7200

Manufactured by Display Devices Inc.
5880 N Sheridan Blvd.
Arvada, CO, USA 80003
(303) 412-0399
www.eaglepantilt.com

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1. PRECAUTIONARY STATEMENT

Improper settings and connections may cause damage to the PTE-200/300 pan tilt head, PT-EE-L environmental housing and accessories, camera, and the lens being used. Please read all of the following documentation before attempting the installation and configuration of these systems. If any of the instructions are unclear to you, call your servicing dealer or Hitachi before proceeding for clarification. Failure to correctly configure and install these systems may cause damage to the equipment, and will void the warranties. Please make sure before connecting or disconnecting any cables that the power supplies are turned OFF.

2. WARRANTY

2.1 Hitachi Denshi America warrants to the original customer that each unit shall be free from malfunction due to defective workmanship or component failure for a period of ONE YEAR from the original date of delivery to the customer. For service under the warranty period, the unit must be returned to Hitachi Denshi America Ltd., 150 Crossways Park Drive, Woodbury, NY 11797. This warranty does not apply to finish or appearance items, to malfunction due to abuse or operation in violation of published operating specifications or to failures caused by improper connections, modifications, alterations, or other unauthorized repairs.

3. HARDWARE INSTALLATION

3.1 Before starting installation, make certain that all power supplies to equipment are turned **OFF**.

3.2 Place the PT-EE-L housing into the housing mounting cradle of the PTE-200. Open the housing latches and raise the cover (it hinges at the front). Using the supplied 1/4"-20 fasteners, thread them from the underside of the cradle into the bottom of the housing. Tighten the fasteners securely. Connect the umbilical cable conduit harness from the PTE-200 head to the bottom of the PT-EE-L housing. It will be necessary to push the connectors through the conduit fitting one at a time in order to get them to fit, starting with the largest connector first.

3.3 Assemble camera/lens combination. Attach camera/lens system onto sled inside housing using the supplied fasteners. Use supplied elevation blocks between sled and camera body as may be needed for your camera / lens combination. The camera / lens system can be mounted on either top of bottom of the sled depending on the centerline height of the lens needed. Place the sled into the housing onto the adjustable screw mounting points. Do not completely tighten the fasteners until after the next step.



Rear view of HV-D15 on mounting sled 1

3.4 Move the camera/lens assembly to the front or rear of the cradle until the lens is very close to the glass window at the front of the housing; this is to reduce stray reflections from the window-lens interface. Make sure to allow room for the lens to zoom and focus; not all lenses have internal focusing and zooming, and will change physical dimensions when focused or zoomed. If the optional heater or defroster has been purchased, remove lens hood from the lens. Tighten the sled mounting screws securely now.



HV-D15 inside PT-EE-L housing 1

3.5 Attach labeled connecting cables from controllers and power supply to the camera and lens. **CAUTION! DO NOT ATTACH ANY POWER OR LENS CONNECTORS TO THE CIRCUIT BOARD INSIDE THE HOUSING! THIS BOARD CONTAINS HIGH AND/OR IMPROPER VOLTAGES FOR USE WITH THE HITACHI CAMERAS AND LENSES. DESTRUCTION OF CAMERA AND LENS MAY RESULT!** Use cable ties and mounts to insure that cables are not restricted, yet will not obstruct operation. Keep cables clear of the cooling fan blades.

3.6 Consult an electrician as needed to hookup the 16 gauge 3 conductor cable from the bottom of the housing to a 120 VAC power source. This provides power for the heater, fan, defroster, and wiper motor. As this is an outdoor unit, it should be hooked to a GFCI protected circuit to protect against accidental electric shock in the event of a short circuit.

3.7 The housing window should only be cleaned using a soft cloth and window cleaner. It is made of glass, but can easily be scratched if dirt is present on the glass before cleaning. Use water or window cleaner to float off any dirt present before wiping the glass.

3.8 Follow detailed instructions in PTE-200/300 manual for usage of the pan-tilt head.