



EAGLE

PAN TILT SYSTEMS

Helping to bring your world
into focus



Eagle™ PT50 shown with Hitachi HV-D30 and Fujinon T16x lens

The EAGLE® PT-50 pan-tilt head is an ultra quiet, low cost, easy to use unit. It is designed for acceptance in many areas, a few of which are teleconferencing, city council meeting, houses of worship, broadcasting, distance learning, surgical documentation, local access cable broadcasting, and entertainment venues.

The PT-50's compact size and incredibly quiet motion allows for placement in out of sight areas, so as not to disturb participants in meetings and classes. It has an available wall mount or ceiling mount adapter to fit into many different applications.

EAGLE® PT-50 PAN TILT HEAD

Full Eagle® system compatibility

Can link up to 32 total Eagle™ devices on one RS-485 control chain; switchable to RS-232 control

Stainless steel worm gear and polypropylene ladder chain driven axes for smooth, quiet, accurate, repeatable performance

Control of either direct drive or servo drive lenses

NEW for 2008! Instant saving of lens and position presets; no need to switch between lens modes for preset storage

64 presets per head, stored internally in non-volatile memory

Quiet operation in upright or inverted positions

Will handle most camera and lens combinations weighing up to 6 lbs.

Optional camera control for Hitachi HV-D30, HV-D15AS and many other cameras

Built in 12VDC camera power supply

Control software available for Windows™ compatible PC's-control by RS232 or RS485

5 pin connector on base allows for easy connection of power and control lines-**NO SOLDERING NEEDED!**

Video, genlock and power connection made at base are passed through head to camera—dual BNC connectors for video and/or genlock signals

Pre-built camera power harness and adjustable camera mount provided with each head

All needed connectors for power and control are included

24 VDC operation

The head has a range of motion of up to 360° in pan and +/- 45° in tilt. The unit has variable speed at up to 18° per second in both pan and tilt. Speed is completely variable from zero to full based on proportional digital joystick input from the Eagle™ PT-C-55 pan-tilt / camera controller.

Up to 64 different preset combinations of position and lens settings can be memorized by the head. All are stored in non-volatile memory inside each head, and can easily be recalled at any time.

The Eagle® PT-50 is for camera / lens combinations of up to 6 pounds (2.7 kg).



SPECIFICATIONS

Weight: 8 pounds (3.6 kg)

Maximum load: 6 pounds (2.7 kg)

Pan range: $\pm 179^\circ$; Tilt range $\pm 45^\circ$

Limits set electronically from controller

Pan and tilt speed: 0 to 18° per second, variable ranges

Accuracy of preset position recall: ± 5 arc minutes (.08 degrees)

Physical noise level: less than 40 dBA

Max. number of preset positions: 64

Requires 24VDC power, minimum 1.5A: max draw with camera: 2.5A

Will control either direct drive or servo drive lenses

High-torque stepper motors drive stainless steel worm gears via polypropylene/stainless steel ladder chain

Switchable RS-485 **or** RS-232 communications protocol; no adapter needed for control by PC

Provides 12VDC camera power

Distributed by Hitachi Denshi America Ltd.
150 Crossways Park Dr. Woodbury NY 11797
Call (516)921-7200 for a dealer near you

OPTIONAL ACCESSORIES

PT-C-55 desktop pan-tilt / camera controller

PT-CCB-50 camera control chip (internal option in head)

PT-PS-1 single 2.5A output power supply

PT-PS-2 quad output 2.5A power supply

PT-SB "Shot Box" motion control recorder

PT-T2 one input, six output control and power splitter box

PT-WM-S wall mount arm

PT-CM-50 ceiling mount adapter base for 1.5" NPT pipe



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by Display Devices Inc., Arvada CO 80003
Specifications and design subject to change without notice

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model in color.

03/08R5

www.eaglepantilt.com