



PRODUCT SPECIFICATION

PT506-24DT Series Control

PAN/TILT AND ZOOM LENS FUNCTIONS, MULTIPLE LOCATIONS



Product Features

- Desktop Models; can be Rack Mounted
- For use with 24 VAC Pan/Tilts
- When used with RB115 Allow Control of 120 VAC Pan/Tilts
- Controls up to Six (6) Pan/Tilts and Zoom Lenses
- Optional Auto/Random Scan Operation

The **PT506-24DT** is a Pan/Tilt and Lens control for 24 VAC pan/tilts which combines zoom lens and pan/tilt control functions for up to six (6) locations into one economical unit.

Easy to use panel switches provide fingertip control of zoom, focus, iris, and lens speed functions, with push button selection of up to 6 sites, and joystick control of the pan/tilt.

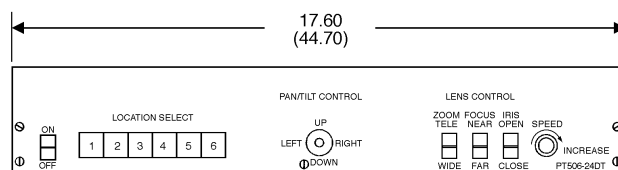
When used with the RB115 relay box, the control can be used with 120 VAC pan/tilts (one relay box required for each pan/tilt).

The **PT506-24A** provides cost-saving auto/random scan control, which increases equipment life and system effectiveness.

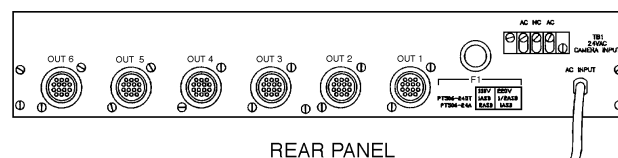
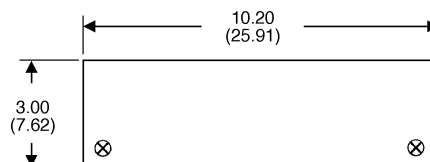
Both models are desktop units. Optional rack mounting is available by using the R350 Rack Mount Kit.



PT506-24DT



FRONT PANEL



REAR PANEL

NOTE: VALUES IN PARENTHESES ARE CENTIMETERS; ALL OTHERS ARE INCHES.

PT506-24DT DIMENSION DRAWING



TECHNICAL SPECIFICATIONS

MODELS

PT506-24DT

Multiple position desktop joystick control for up to six (6) 24 VAC pan/tilts and zoom lenses. For use with PT175-24P, PT180-24P, PT180-24SL, PT270-24P, PT280-24P, PT280-24SL, PT480-24P series, PT570-24P, PT680-24P, PT680-24SL, and PT780-24P series

PT506-24DT/220

Same as PT506-24DT except 230 VAC input/24 VAC pan/tilt output

PT506-24A

Desktop auto/random scan control; interfaces with PT506-24DT

PT506-24A/220

Desktop auto/random scan control; interfaces with PT506-24DT/220

CONTROLS

PT506-24DT

Pan/Tilt Selection
Pan/Tilt

6 latching, illuminated push buttons
8-position joystick (Up, down, left, right and simultaneous combinations of pan/tilt functions when joystick is positioned diagonally between two functions)

Zoom
Focus
Iris
Lens Speed
ON/OFF
Pilot Lamp

Paddle switch, TELE/WIDE
Paddle switch, NEAR/FAR
Paddle switch, OPEN/CLOSE
Potentiometer
Rocker switch
Light emitting diode

PT506-24A

ON/OFF
Auto/Random Scan

Rocker switch
6 rocker switches (one for each pan/tilt); 2 operational positions (AUTO/RANDOM and MANUAL)

ELECTRICAL

PT506-24DT

Input Voltage
Output Voltage

120 or 230 VAC, 60 Hz
Pan/Tilt — 24 VAC, 60 Hz
Lens — 0 to ± 9 VDC

Power Requirements
Cable Requirements

1.65 amps (190 vA)
11 conductors
(Pan/tilt 5 + ground; Lens 4 + ground)
AMP CPC type, 14-pin (mate supplied)
3 AG type, 1 ASB
3-wire grounded

Connectors
Fuse Protection
Power Cord

PT506-24A

Power Requirements
Protection
Power Cord

1.04 amps (120 vA)
3 AG, 2 amps
3-wire grounded

GENERAL

Construction

Panel

Cover

Chassis

Temperature Range

Aluminum
Steel, black polyester powder coat
Steel, galvanized
Indoor; 32° to 120°F
(0° to 48.89°C)
See dimension drawings

Size

Weight

PT506-24DT/

PT506-24DT/220

PT506-24A

PT506-24A/220

Shipping Weight

PT506-24DT/

PT506-24DT/220

PT506-24A

PT506-24A/220

13 lb 6 oz. (6 kg)
18 lb (8.1 kg)
17 lb (7.70 kg)

15 lb (6.79 kg)
19 lb (8.5 kg)
18 lb (8.1 kg)

CERTIFICATIONS

◆ CE compliant (PT506-24DT/220 and PT506-24A/220 only)

OPTIONAL ACCESSORIES

C06HWC

Pre-wired, 6-foot (1.82 m) interconnecting cable with 14-pin control connector and butt splices on mating end (one required for each pan/tilt)

R350

Rack mount kit (one required for each unit). (See C965 spec)

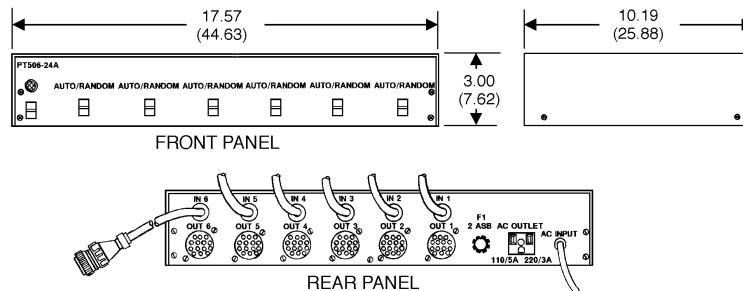
RB115

Relay box for 120 VAC pan/tilts. Allows control to be used with 120 VAC pan/tilts (one required for each pan/tilt). Extends operating distance (control to relay box) to 13,000 feet utilizing 16 Awg. (See C915 spec)

RB24

Same as RB115 except for use with 24 VAC pan/tilts. (See C915 spec)

PT506-24A



NOTE: VALUES IN PARENTHESES ARE CENTIMETERS;
ALL OTHERS ARE INCHES.

Specifications subject to change without notice.
©Copyright 1997, PELCO. All rights reserved.

Pelco • 300 West Pontiac Way • Clovis, CA 93612-5699 • Pelco Online @ <http://www.pelco.com>

In the US and Canada: Tel (800) 289-9100 • FAX (800) 289-9150 • DataFAX (800) 289-9108

International Customers: Tel (1-209) 292-1981 • FAX (1-209) 348-1120 • DataFAX (1-209) 292-0435