PRODUCT SPECIFICATION

PT506-24DT Series Control

PAN/TILT AND ZOOM LENS FUNCTIONS, MULTIPLE LOCATIONS

CE

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.

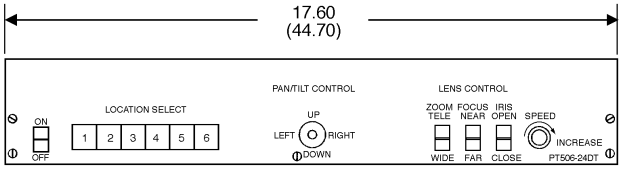
Easy to use panel switches provide fingertip control of zoom, focus, iris, and lens speed functions, with push button selection of up to 6 sites, and joystick control of the pan/tilt.

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).

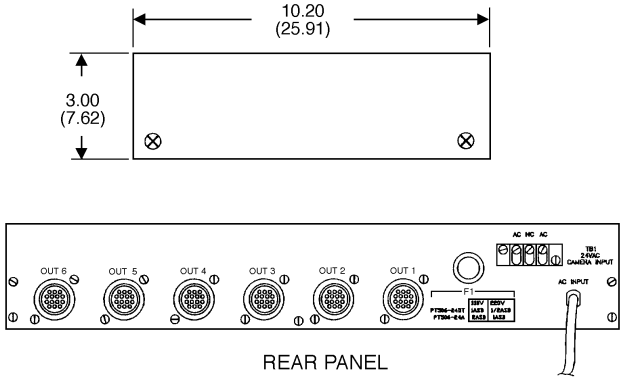
The PT506-24A provides cost-saving auto/random scan control, which increases equipment life and system effectiveness.

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

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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	6 latching, illuminated push buttons
Pan/Tilt	8-position joystick (Up, down, left, right and simultaneous combinations of pan/tilt functions when joystick is positioned diagonally between two functions)
Zoom	Paddle switch, TELE/WIDE
Focus	Paddle switch, NEAR/FAR
Iris	Paddle switch, OPEN/CLOSE
Lens Speed	Potentiometer
ON/OFF	Rocker switch
Pilot Lamp	Light emitting diode

PT506-24A

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

ELECTRICAL

PT506-24DT

Input Voltage	120 or 230 VAC, 60 Hz
Output Voltage	Pan/Tilt — 24 VAC, 60 Hz Lens — 0 to ±9 VDC
Power Requirements	1.65 amps (190 vA)
Cable Requirements	11 conductors (Pan/tilt 5 + ground; Lens 4 + ground)
Connectors	AMP CPC type, 14-pin (mate supplied)
Fuse Protection	3 AG type, 1 ASB
Power Cord	3-wire grounded

PT506-24A

Power Requirements	1.04 amps (120 vA)
Protection	3 AG, 2 amps
Power Cord	3-wire grounded

GENERAL

Construction	
Panel	Aluminum
Cover	Steel, black polyester powder coat
Chassis	Steel, galvanized
Temperature Range	Indoor; 32° to 120°F (0° to 48.89°C)
Size	See dimension drawings
Weight	
PT506-24DT/ PT506-24DT/220	13 lb 6 oz. (6 kg)
PT506-24A	18 lb (8.1 kg)
PT506-24A/220	17 lb (7.70 kg)
Shipping Weight	
PT506-24DT/ PT506-24DT/220	15 lb (6.79 kg)
PT506-24A	19 lb (8.5 kg)
PT506-24A/220	18 lb (8.1 kg)

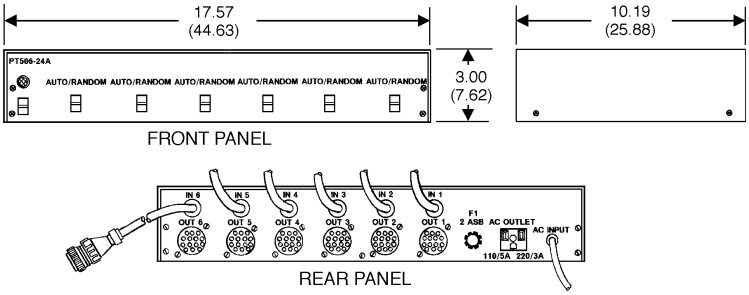
CERTIFICATIONS

- 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



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