

PTH900

STURDY OUTDOOR PAN & TILT MOTOR

MAIN FEATURES

Loads up to a 30kg (66lb)
 IP66
 Made of aluminium
 Standard autopan function
 Optional preset
 24Vac and 230Vac, 50/60Hz versions
 Internally adjustable horizontal and vertical limit switches
 Horizontal fixed speed 6°/s, vertical fixed speed 3°/s

DESCRIPTION

The Pan & Tilt motors of this series are constructed from aluminium and painted with epoxypolyester powder RAL9002.

They allow a maximum horizontal rotation of 345°; vertical 350° and are equipped with an automatic function of delayed inversion in the horizontal movement; the rotation amplitude is easily adjustable by means of the horizontal and vertical limit switches.

Wide range of control systems are available, ranging from the simple CBZ desktop controller to the microprocessor controlled telemetry receivers and to the most advanced control keyboards of the range.



PTH900



PTH900 + HEG + VIP6 + WFWBTA + PTBC

AVAILABLE MODELS

| Model Number | Power supply | Autopan | Preset | Consumption max |
|--------------|--------------|---------|--------|-----------------|
| PTH910 | 230Vac | ✓ | – | 26W |
| PTH911 | 24Vac | ✓ | – | 26W |
| PTH910P | 230Vac | ✓ | ✓ | 26W |
| PTH911P | 24Vac | ✓ | ✓ | 26W |

TECHNICAL DATA

GENERAL

Constructed from corrosion-proof aluminium
 Epoxypolyester powder painting, RAL9002 colour
 Stainless steel external screws
 Mounting position normal/reverse
 Supplied with side bracket for camera housing and accessories for mounting

MECHANICAL

Dimensions: 120x168x192mm (4.7x6.6x7.6in)
 Load rating: 30kg (66lb) max (balanced)
 Horizontal rotation: 0-345°
 6°/s fixed horizontal speed
 Pan Static Torque: 11Nm
 Pan dynamic torque: 30Nm (at specified voltage)
 Horizontal limit switches, internally adjustable
 Vertical plane movement: 0-350°
 3°/s fixed vertical speed
 Tilt Static Torque: 22Nm
 Tilt Dynamic Torque: 60Nm (at specified voltage)
 Backlash: Pan 0.17°, Tilt 0.07°
 Vertical limit switches, internally adjustable
 1 PG11 cable gland and 1 blanking cap for PTH900
 2 PG11 cable glands for PTH900P models
 Unit weight: 5.6kg

ELECTRICAL

Power supply 24/230Vac
 Horizontal motor consumption 13W max
 Vertical motor consumption 13W max
 Potentiometer: 5kOhm, multiple rotation (10 turns, max 1 million shaft rotations) (only PTH910P / PTH911P versions)

ENVIRONMENT

Indoor/Outdoor
 Operating temperature: From -20°C (-4°F) up to +50°C (122°F)

CERTIFICATIONS

Electrical safety (CE): EN60065
 Electromagnetic compatibility (CE): EN50130-4, EN61000-6-3
 IP protection degree: EN60529 (IP66)
 Salty fog resistance: ISO9227 (to 1000 hours)
 EAC certification

RELATED PRODUCTS

| | |
|----------|--|
| CBZ220 | Desktop controller for PTH310 pan & tilt |
| CBZ24 | Desktop controller for PTH311 pan & tilt |
| DTMRX2 | Telemetry receiver 12 functions, 230Vac |
| DTMRX224 | Telemetry receiver 12 functions, 24Vac |
| DTRX3 | Telemetry receiver 17 functions for series PTH300 + preset |
| DTRX324 | Telemetry receiver 17 functions for PTH311 + preset |
| Housings | PUNTO, HEA, HEB, HEK, HEM, HOV, VERSO, VERSO COMPACT |

BRACKETS AND ADAPTORS

| | |
|--------|-----------------------------------|
| PTBC | Wall bracket for PTH900 P&T |
| WFWBTA | Column bracket for PTH P&T series |

SPARE PARTS

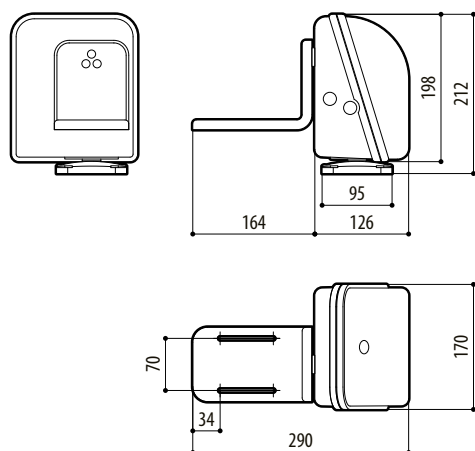
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|-----------|---------------------------------|
| OPTHMAN | Maintenance kit |
| DOTPTH900 | Installation kit for P&T PTH900 |

PACKAGE

| Model Number | Weight | Dimensions (WxHxL) | Master carton |
|--------------|--------------|---------------------------|---------------|
| PTH910 | 6kg (13.3lb) | 17.5x27x23.5cm (7x11x9in) | 6 |

TECHNICAL DRAWINGS

Sizes in millimeters.



PTH900