

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 are suitable for medium loads (30kg max, balanced) and for use in outdoor and medium-duty applications.

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 plane movement: 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 models
 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
 Preset potentiometer linear 5kOhm multiturns (10 turns) (only PTH910P / PTH911P versions)

ENVIRONMENT

Indoor/Outdoor
 Operating temperature: -20°C / +50°C (-4°F / 122°F)
 Resistant to salty fog until 1000 hours (according to ISO9227)

CERTIFICATIONS

CE EN61000-6-3, EN50130-4, EN60065
 IP66 EN60529

RELATED PRODUCTS

CBZ220	Desktop controller for PTH310 pan & tilt
CBZ24	Desktop controller for PTH311 pan & tilt
DTMRX2	DTMRX Telemetry receiver 12 functions, 230Vac
DTMRX224	DTMRX224 Telemetry receiver 12 functions, 24Vac
DTRX3	DTRX3 Telemetry receiver 17 functions for series PTH300 + preset
DTRX324	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

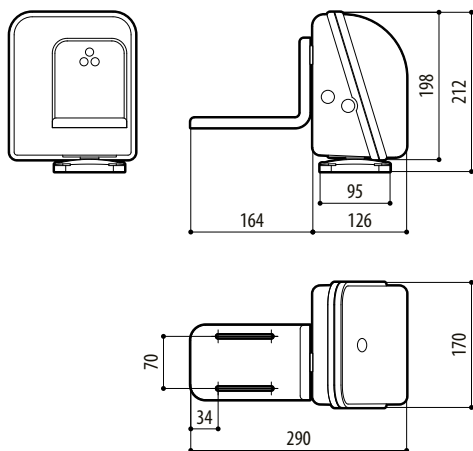
OPTHMAN	Maintenance kit
DOTPTH900	Installation kit for P&T PTH900

PACKAGE

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

TECHNICAL DRAWINGS

Sizes in millimeters.



PTH900