

- Outdoor installations
- Die-cast aluminium painted with epoxy powder
- Autopan function with delayed inversion
- Optional Preset version
- Wide range of accessories available
- Weatherproof standard IP66
- 30kg load rating



The Pan & Tilt motors of this series are made of die-cast aluminium construction painted with epoxypolyester powder RAL9002 and are equipped with a motor for each movement.

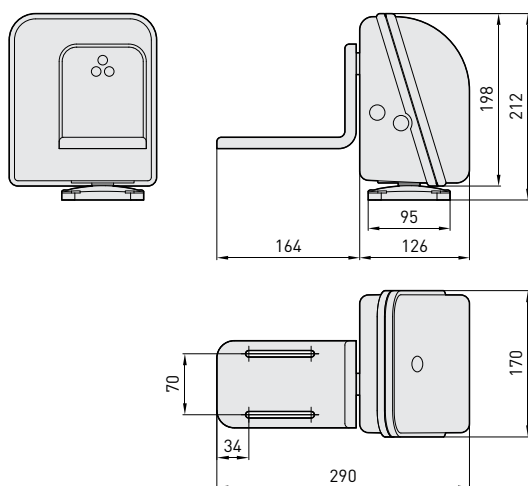
They are suitable for medium loads (max 30kg) and for use in outdoor and medium-duty applications.

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

PTH910SA and PTH911SA versions are equipped with motor heaters for installation in severe environments.

PTH910P and PTH911P versions are equipped with a potentiometer, which allow the preset by means of our telemetry systems.

Wide variety of controllers available, ranging from the simple CBZ controllers, to the most sophisticated microprocessor controlled telemetry receivers.



The values are in millimeters.

### TECHNICAL DATA

#### PTH900

Model	Power supply	Autopan	Preset	Heater	Max consumption
PTH910	230Vac	•			26W
PTH911	24Vac	•			26W
PTH910P	230Vac	•	•		26W
PTH911P	24Vac	•	•		26W
PTH910SA	230Vac			•	66W
PTH911SA	24Vac			•	46W

#### GENERAL

Constructed of corrosion-proof die-cast aluminium  
 Epoxypolyester powder painting, RAL9002 colour  
 Stainless steel screws  
 Mounting position normal/reverse  
 Supplied with side bracket for camera housing, accessories for mounting screws, instruction manual

#### MECHANICAL

Dimension: 120x168x192mm (4.7x6.6x7.6in)  
 Maximum load: 30kg (66lb) (balanced)  
 0-345° horizontal plane movement  
 6°/s fixed horizontal speed  
 Pan Static Torque: 11Nm  
 Pan Dynamic Torque 30 Nm at specified voltage  
 Internally adjustable horizontal limit switches  
 0-350° vertical plane movement  
 3°/s fixed vertical speed  
 Tilt Static Torque: 22Nm  
 Tilt Dynamic Torque 60 Nm at specified voltage  
 Backlash: Pan 0.17°, Tilt 0.07°  
 Internally adjustable vertical limit switches  
 1 PG11 cable gland and 1 blanking cap for PTH900 and PTH900SA model  
 2 PG11 cable glands for PTH900P model

#### ELECTRICAL

Power supply 24/230Vac  
 Consumption horizontal motor 13W max  
 Consumption vertical motor 13W max  
 Autopan Standard (not PTH900SA)  
 Preset potentiometer linear 5Kohm multiturns (5 turns) (only for PTH910P / PTH911P)

#### Heater

- PTH911SA 24Vac, consumption 20W max
- PTH910SA 230Vac, consumption 40W max

#### RELATED PRODUCTS

PTBC	Wall bracket for PTH900 P&T
PTDC	Ceiling bracket for PTH P&T series
PTPC	Top pole bracket for PTH P&T series
WFWBTA	Column bracket for PTH P&T series
CBZ220	Unit for direct control of one PTH910
CBZ24	Unit for direct control of one PTH911
MICRODEC485	Telemetry receiver 8 functions for PTH911
DTMRX2	Telemetry receiver 12 functions for PTH910
DTMRX224	Telemetry receiver 12 functions for PTH911
DTRX3	Telemetry receiver 17 functions for series PTH900
DTRX324	Telemetry receiver 17 functions for PTH911
Housing:	HEG, HEP, HOV, HEB

#### ENVIRONMENT

Outdoor / Indoor  
 Operating Temperature: -20°C / +50°C (-4°F / 122°F) for PTH900 and PTH900P  
 Operating Temperature: -40°C / +50°C (-40°F / 122°F) for PTH900SA  
 Resistant to the salt-air fog until 1000 hours (according to ISO9227)

#### COMPLIANCE TO

CE according to EN 61000-6-3, EN 50130-4  
 IP66 according to EN 60529

#### SPARE PARTS LIST

OPTHMAN	Maintenance kit
DOTPTH900	Installation kit for P&T PTH900



Unit Weight:  
 PTH900 5.6kg / 12.3lb

Package Weight:  
 PTH900 6kg / 13.2lb

Package Dimension (BxHxL):  
 PTH900 17.5x27x23.5cm / 6.9x10.6x9.3in

Master Carton:  
 PTH900 6 units