



Key Features:

- Maximum top load capacity 30kg (66.14lb)
- Pan angle: 0~360°, tilt angle: -45°~+40°
- Pan speed: 0.01°~20°/S, Tilt speed: 0.01°~10°/S
- Preset accuracy: ±0.1°
- High precision stepper motor, worm and gear drive transmission
- Self-lock with memory after power failure, strong wind-resistance
- Support angle feedback and absolute control
- Support lens preset, adaptive speed to zoom rate
- Support analogue or network camera
- Rated IP66 for dust and water ingress

General Description:

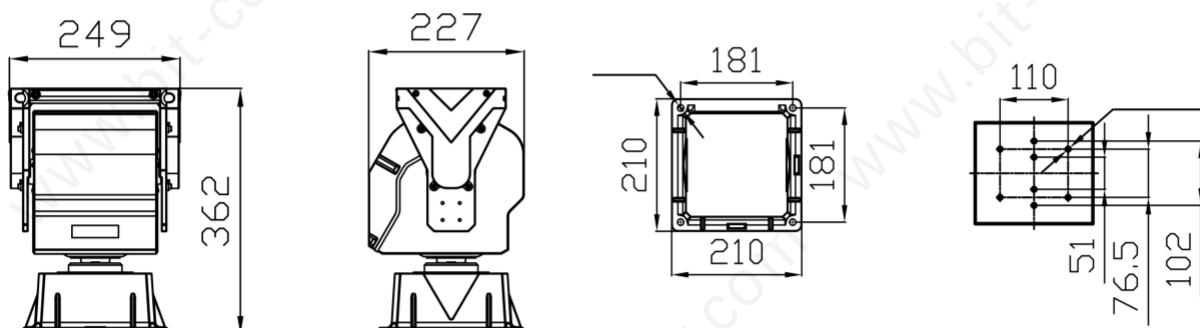
BIT-PT540 high precision variable speed pan tilt head positioner, a medium size unit with maximum top load capacity up to 30kg (66.14lb).

With worm/gear drive, many advanced control features are available: absolute positioning, coordinate query/readout, Pelco D extended protocol, self-lock, power failure memory, guard location, preset.

Custom services like wiring, painting, connectors are available for your pan tilt system.

Camera housings are also available for your easy integration with cameras.

Dimension:

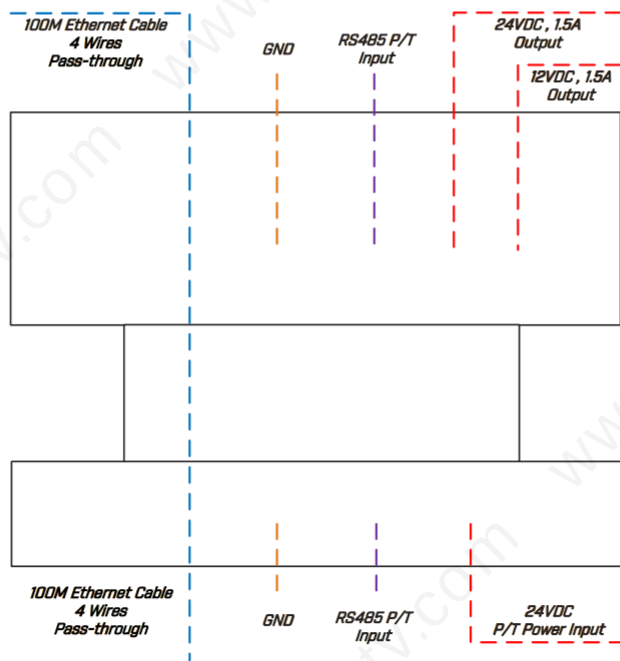


Specifications:

Model	BIT-PT540
Max. Load Capacity	30kg/66lb top load
Rotation Angle	Pan: continuous 360°, Tilt: -45°~+40°
Rotation Speed	Pan: 0.01°/s~20°/s, Tilt: 0.01°/s~10°/s
Preset Accuracy	± 0.1°
Programmable Presets	255
Cruising Track	8, each with 32 preset positions
Scan	1
Position Feedback	Support position query/feedback via RS485 or optional real-time feedback via RS422
Absolute Position	Support
Guard Location	Support with 1 preset or 1 cruising track or 1 auto scan
Power Failure Memory	Support, back to PT position, scan/preset movement before power failure
Self-lock	Support
Start Movement	A series of movements for calibration when the unit is powered on
Protocol	Pelco P/D
Communication Interface	RS485, RS422 or RS232
Baud Rate	2400/4800/9600/19200 bps
Transmission	Worm gear in both pan and tilt
Standard Wiring/Interface	
Pan Tilt Base	100M Ethernet pass-through (4 wire), RS485 input (2 wire), 24VDC input (2 wire), GND
Pan Tilt Top	100M Ethernet pass-through (4 wire), RS485 input (2 wire), 12V DC output @1.5A (2 wire), 24V DC output @1.5A (2 wire), GND

General	
Operating Voltage	DC24V±10 % or AC24V±25 %, 50/60Hz
Power Consumption	≤80W
Lighting Surge Protection	Power: 4000V (line to ground: 4000V, line to line: 2000V) ommunication signal interface: 2000V (line to ground:2000V, line to line: 1000V)
Working Temperature	-35℃~+65 ℃
Working Humidity	90±5% RH
Storage Temperature	-40 ℃~+70 ℃
Protection Level	IP66
Material	Aluminium Alloy
Weight	15kg/30lb
Dimension	227×249×362mm/8.93x9.8x14.25in (L*W*H)

Standard Wiring:



Blue Icon (Tianjin) Technology Co., Ltd.

F9, Macalline Business Center
No. 29, Heiniucheng Rd.
Hexi District 300210
Tianjin, China

Email: sales@bit-cctv.com

Phone: +86-13920688922

Website: <https://www.bit-cctv.com>

Youtube: <https://youtube.com/@bitcctvsolutions>



Image Gallery



FRONT



SIDE



FRONT2



TOP