



Key Features:

- Maximum top load capacity 15kg/30lb
- Pan angle: 0~360°, tilt angle: -75°~+40°
- Pan speed: 0.01°~60°/S, Tilt speed: 0.01°~30°/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
- 4000V lighting surge protection
- Rated IP66 for dust and water ingress

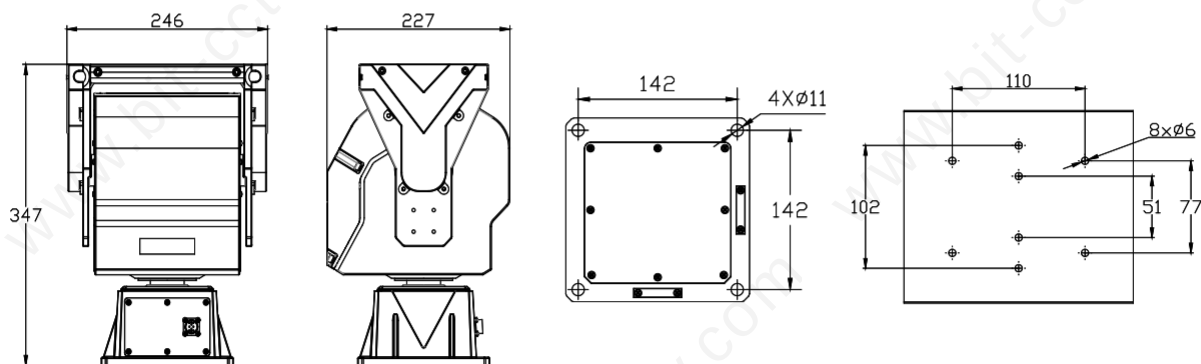
General Description:

BIT-PT520, the best seller among our pan tilt head positioner products, has always been the most popular medium duty pan tilt unit with the most required features in pan tilt positioning systems. It is capable of carrying up to 15kg (30.06lb) with 360 degree continuous pan rotation angle and -75°~+40° tilt angle and rotates at a low speed of 0.01°/s and fast speed of 60°/s.

With worm/gear drive transmission, it also has many other advanced features including preset, cruising track, scan, self-lock, guard location. Via RS485/422 interface, Pelco D, extended commands, absolute position control, coordinate feedback are also available. Rated IP66 ingress protection, PT520 pan tilt head positioner is a good choice for all weather operation.

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

Dimension:



Unit:mm

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Specifications:

Model	BIT-PT520
Max. Load Capacity	15kg/30lb top load
Rotation Angle	Pan: continuous 360°, Tilt: -75°~+40°
Rotation Speed	Pan: 0.01°/s~60°/s, Tilt: 0.01°/s~30°/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	13kg/28lb
Dimension	227×249×349mm/8.93x9.8x13.74in [L*W*H]

Standard Wiring:

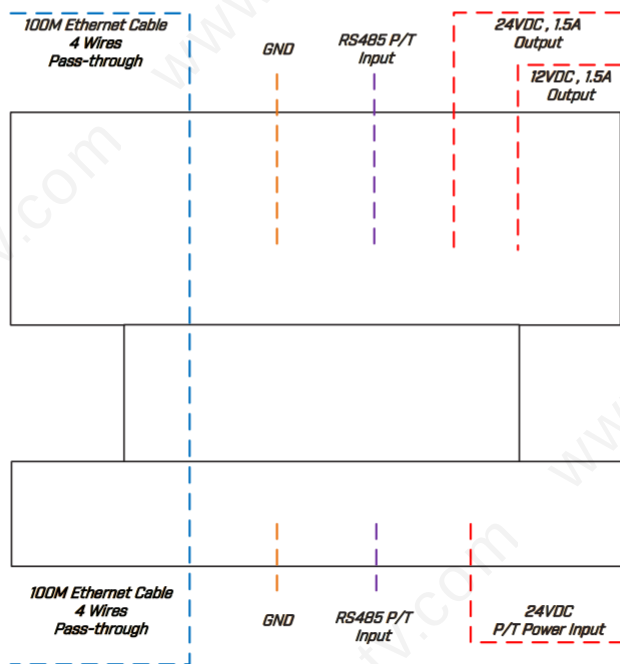


Image Gallery:



FRONT



BACK



SIDE



TRIPOD