



Key Features:

- Maximum top load capacity 10kgs/20.05lb
- Pan angle: 0-360°; Tilt angle: -90°~+40°
- Pan speed 0.01~100°/s; Tilt speed 0.01~40°/s
- Preset accuracy: ±0.1°
- High precision stepper motor and tilt worm gear drive
- Pan speed up to 100°/s
- Support coordinate feedback and control
- 4000V lighting surge protection
- Rated IP66 for dust and water ingress

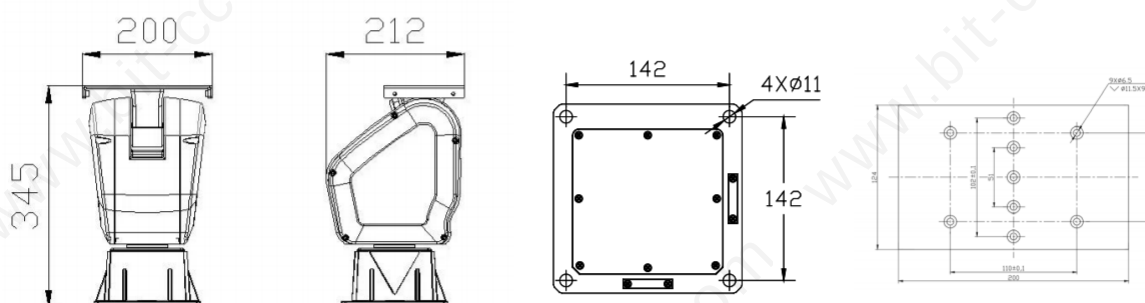
General Description:

BIT-PT410 is an advanced high speed light duty pan tilt unit for both indoor/outdoor application. With a maximum 10kg/20.05lb load capacity, its pan rotation speed can be up to 100°/s for quick target positioning.

Taking advantage of its high precision stepper motor and worm/gear drive mode, it features 0.1 degree positioning accuracy for repeat positioning and extremely low speed control. It also features 360 degree pan rotation and -90°~40° tilt rotation for wide angle surveillance.

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

Dimension:

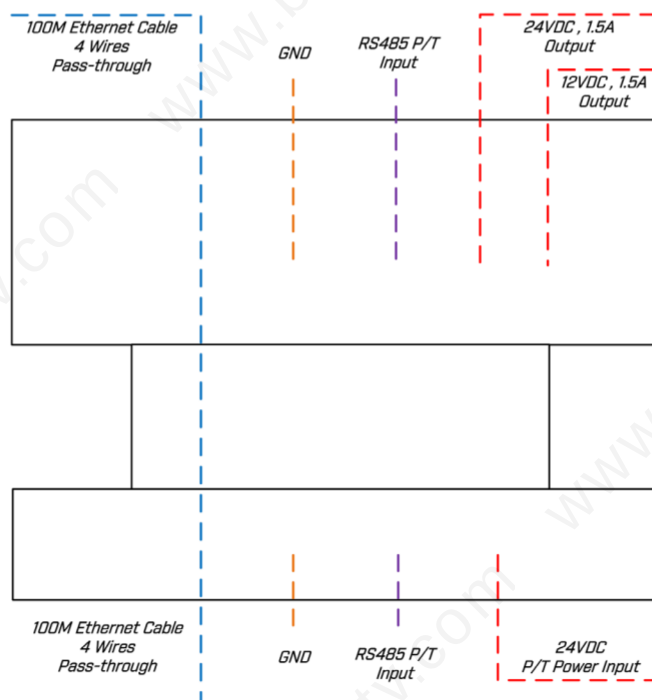


Specifications:

Model	BIT-PT410
Max. Load Capacity	10kg/20.05lb, top load
Rotation Angle	Pan: continuous 360°, Tilt: -90°~+40°
Rotation Speed	Pan: 0.01°/s-100°/s, Tilt: 0.01°/s-40°/s
Preset Accuracy	± 0.1°
Programmable Presets	255
Cruising Track	8, each with 32 preset positions
Scan	Support
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 in tilt direction, not support in pan direction
Start Movement	A series of movements for calibration when the unit is powered on which can't be canceled. External cabling may twist during the start movement.
Protocol	Pelco P/D
Communication Interface	RS485 or RS422
Baud Rate	2400/4800/9600/19200 bps
Transmission	Worm gear in tilt direction, belt in pan direction
Standard Wiring/Interface	
Pan Tilt Base	100M Ethernet with RJ45 (4 wire, pass-through), 24V AC/DC (2 wire), GND
Pan Tilt Top	100M Ethernet with RJ45 (4 wire, pass-through), RS485 P/T control (2 wire), 12V DC (2 wire), 24V AC/DC (2 wire), GND

General	
Operating Voltage	AC24V±20 %, 50/60Hz or DC24V±10 %
Power Consumption	≤70W
Lighting Surge Protection	Power: 4000V (line to ground: 4000V, line to line: 2000V) Communication signal interface: 2000V (line to ground:2000V, line to line: 1000V)
Working Temperature	-40℃ +65 ℃ [-40 ℉ ~ 149 ℉]
Working Humidity	90±5% RH
Storage Temperature	-40 ℃ +70 ℃ [-40 ℉ ~ 158 ℉]
Protection Level	IP66
Material	Aluminium Alloy
Weight	12kg (26.45lb)

Standard Wiring:



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