BIT-SPT30-D

Servo Direct Drive Single-Axis Pan Rotator & Positioner
Maximum Load Capacity 30kg/66lb



Key Features:

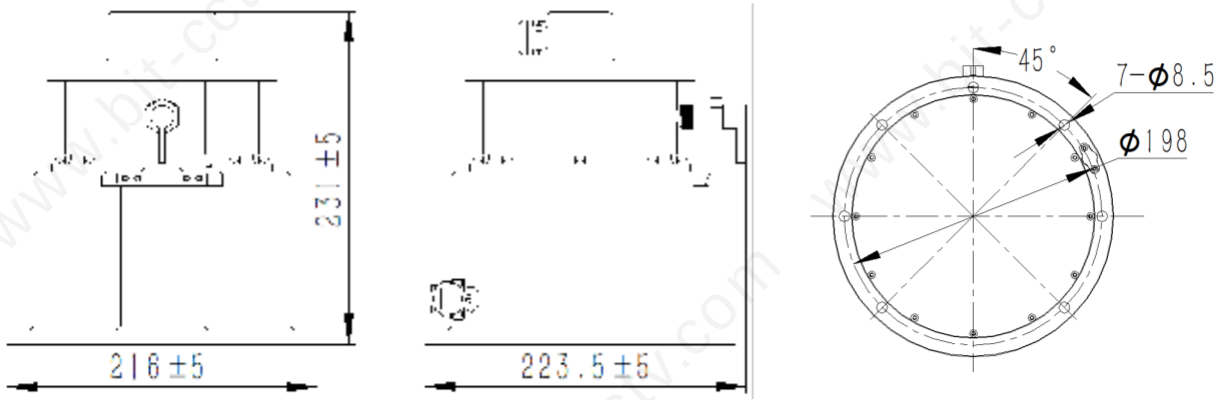
- Maximum load capacity 30kg/66lb
- Direct drive servo motor, high precision, quick response
- Die-cast aluminum material
- 360 degree continuous pan/azimuth rotation
- Pan/azimuth speed 0.01°~120°/S
- Preset accuracy: ±0.05°
- Self-lock with memory after power failure
- Support coordinate feedback and control
- Support lens preset, adaptive speed to zoom rate
- Rated IP66 for dust and water ingress

General Description:

BIT-SPT30-D is a 30kg/66lb top load sing-axis pan rotator & positioner that will only rotate in pan direction, but not tilt direction. With built-in direct drive servo motor, its maximum rotation speed can reach up to 120°/S with 0.05 degree preset accuracy. It is made of die-cast aluminum material and equipped with default dual military style connectors. Many other advanced features are available on BIT-SPT30-D, including preset, cruising track, auto scan and guard location.

BIT-SPT30-D pan rotator & positioner is an ideal choice to load devices like video camera, dish/yagi antenna, loud speaker, spot light, etc and to work as positioning or tracking part of various systems including video surveillance, telecommunication, and border & costal defence.

Dimension:



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Specifications:

Model	BIT-SPT30-D
Max. Load Capacity	30kg/66lb, top load
Rotation Angle	360° continuous pan rotation
Rotation Speed	Pan: 0.01°/s-120°/s
Preset Accuracy	± 0.05°
Programmable Presets	200
Cruising Track	8, each with 10 preset positions
Scan	1
Position Feedback	Support position query/feedback via RS485 or optional real-time feedback via RS422
Absolute Position	Support
Homing	Support with the time period of 1~60 min
Self-lock	Support
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 or RS232
Baud Rate	2400/4800/9600/19200 bps
Transmission	Servo motor direct drive
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

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General	
Operating Voltage	DC24V±20 %
Power Consumption	≤90W
Working Temperature	-35ºC~+65 ºC
Working Humidity	90±5% RH
Storage Temperature	-40ºC~+70ºC
Protection Level	IP66
Material	Aluminium Alloy
Weight	12kg/26lb
Dimension L×W×H	216×223×231mm/8.39x8.78x9.09in (L×W×H)

Standard Wiring:

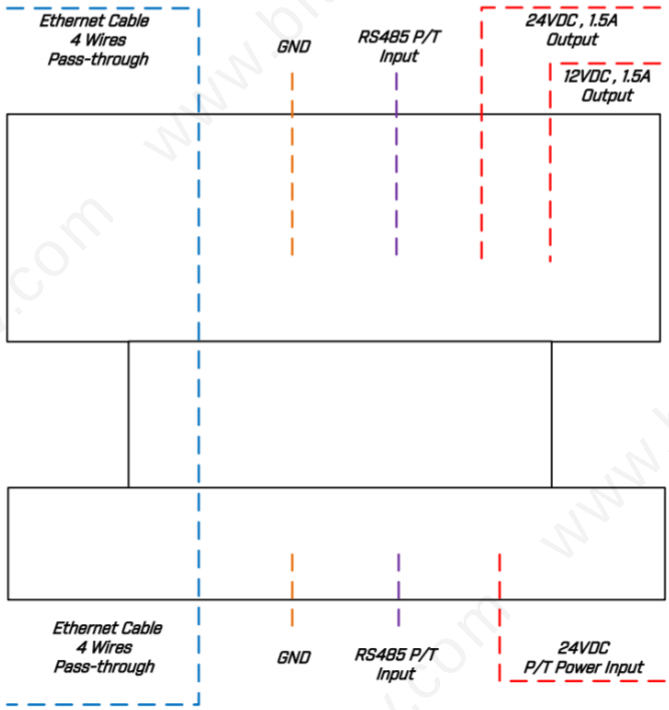

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Image Gallery:







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