

DH-PFA170

Pan and Tilt Camera Bracket



System Overview

Powered by a high-precision CV stepper motor, the Pan and Tilt Camera Bracket remotely controls pan & tilt through RS-485, providing you with flexibility and additional control. With the bracket, you can achieve multi-scene and multi-dimensional monitoring, making it ideal for traffic monitoring, perimeter monitoring and other scenes where you need to change between views.

Functions

Aluminium Design, Multi-Angle Adjustable

Structured with aluminum alloy, the bracket is sturdy and resilient. Its maximum pan range is -30° to 30° , and its maximum tilt range is -70° to $+20^{\circ}$.

Remote Control through RS-485

The bracket is powered by a high-precision CV stepper motor that retains torque after poweroff to protect pan & tilt cameras. The bracket is wind-proof and can remotely control pan & tilt through RS-485, making it perfect for use with remote control cameras.

Environment

The Pan and Tilt Camera Bracket works in temperatures between -30°C to $+60^{\circ}\text{C}$ (-22°F to $+140^{\circ}\text{F}$) and is designed to be resistant to high temperatures, aging and corrosion. Its IP55 rating and excellent design, make it ideal for use in a wide variety of outdoor scenes.

- Metal based structure; elegant and simple appearance.
- IP55 rated.
- Controls rotation angle and speed.
- Pole, plane, and wall mount.



Protection

The bracket blends innovation and security into its anti-drop and lightning protection design so you don't have to worry. Lightning protection supports 4 kV differential mode and 6 kV common mode.

Installation

Supports pole, plane, and wall mount, expanding the number of monitoring scenarios available to you.

Certification

CE approved.

Technical Specification

Model

Model DH-PFA170

Pan and Tilt

Network Protocol PELCO-D

Baud Rate 9600

Pan/Tilt Range Pan: -30° to 30°
Tilt: -70° to +20°

Manual Control Speed Pan: 0.1°/s-20°/s
Tilt: 5°/s

Certifications

Certifications CE

Port

RS-485 1 (controls rotation angle and speed)

Power

Power Supply 12 VDC, 2 A

Power Consumption 20 W

Environment

Protection IP55

Operating Temperature -30 °C to +60 °C (-22 °F to +140 °F)

Operating Humidity < 90% (RH)

Storage Temperature -30 °C to +60 °C (-22 °F to +140 °F)

Storage Humidity 10%-90% (RH)

Structure

Material Aluminum alloy

Dimensions 224.0 mm x 170.0 mm x 294.3 mm (8.82" x 6.69" x 11.59") (L x W x H)

Color White

Net Weight 7.0kg (15.43 lb)

Gross Weight 8.0 kg (17.64 lb)

Load bearing 5.0 kg (11.02 lb)

Product Dimensions 368.0 mm x 278.0 mm x 233.0 mm (14.48" x 10.94" x 9.17") (L x W x H)

Packaging Dimensions 575.0mm x 380.0 mm x 500.0 mm (22.64" x 14.96" x 19.68") (L x W x H)

Packaging Method 4 pcs in each master carton

Applicable Camera Please see "Accessory Selection"

Ordering Information

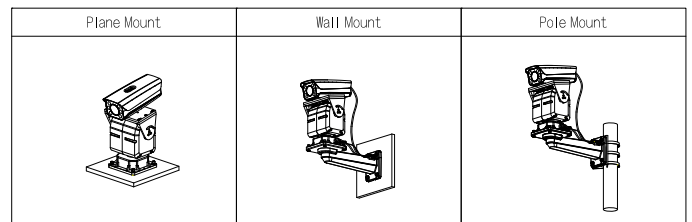
Type	Part Number	Description
Camera Mount	DH-PFA170	Pan and Tilt Camera Bracket
	DH-PFB606W	wall mount bracket
	DH-PFA150	Pole Mount Bracket
Accessories	/	Gang Box Plate

Accessories

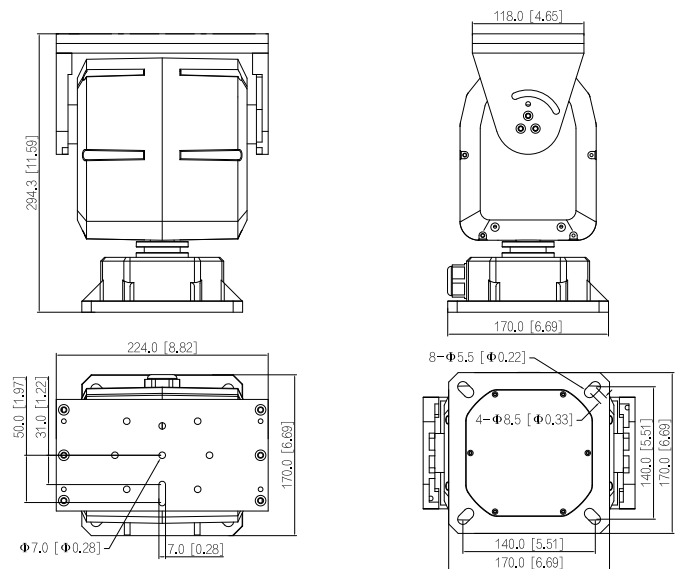
Included:



Gang Box Plate



Dimensions (mm[inch])



Package Information

Type	Quantities
Pan and Tilt Camera Bracket	1
gang box plate	1
M8 nut	4
M8 × 25 screw	4
Φ8 flat washers	4
M6 × 10 screw	5
M6 × 10 screw	2
Motorized Bracket Installation Guide	1
Legal and Regulatory Information	1