

# DH-PFA170

## Pan and Tilt Camera Bracket



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



### 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  $-30^{\circ}$  to  $30^{\circ}$ , and its maximum tilt range is  $-70^{\circ}$  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  $-30^{\circ}\text{C}$  to  $+60^{\circ}\text{C}$  ( $-22^{\circ}\text{F}$  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.

### 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°<br>Tilt: -70° to +20°                               |
| Manual Control Speed    | Pan: 0.1°/s-20°/s<br>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 × 170.0 mm × 294.3 mm (8.82" × 6.69" × 11.59") (L × W × 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 × 278.0 mm × 233.0 mm (14.48" × 10.94" × 9.17") (L × W × H) |
| Packaging Dimensions    | 575.0mm × 380.0 mm × 500.0 mm (22.64" × 14.96" × 19.68") (L × W × 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              |

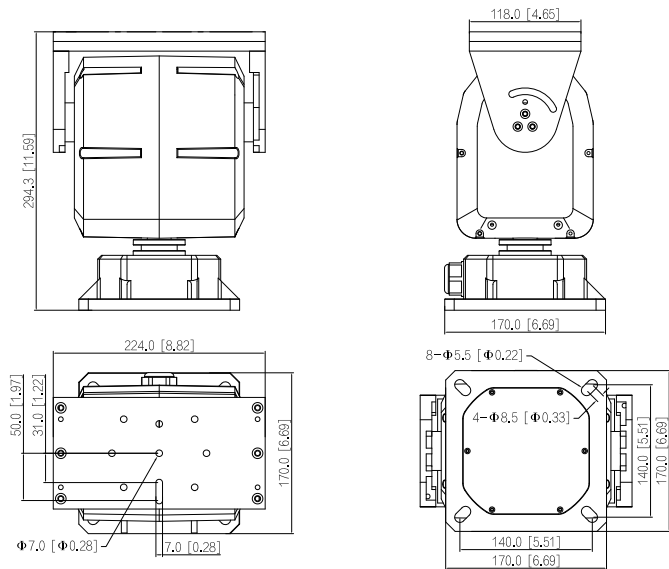
Accessories

Included:



| Plane Mount | Wall Mount | Pole Mount |
|-------------|------------|------------|
|             |            |            |

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<br>Installation Guide | 1          |
| Legal and Regulatory<br>Information     | 1          |