

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° 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.

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 × 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 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

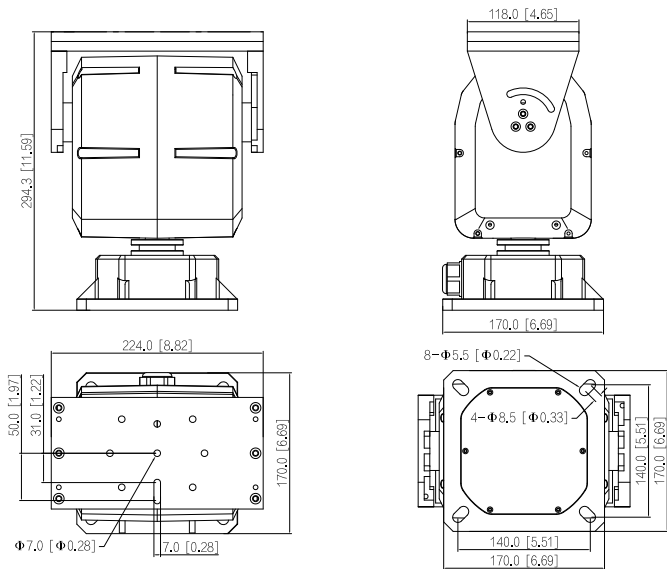
Accessories

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 Installation Guide	1
Legal and Regulatory Information	1