

DH-PSDW81642M-A360

8x2MP Multi-Sensor Panoramic Network Camera+PTZ Camera



- Panoramic: Eight 1/1.8" 2 Megapixel progressive scan CMOS
- PTZ: One 1/1.8" 4 Megapixel progressive scan CMOS
- Support 360-degree panoramic view
- Starlight technology
- H.265/H.264 triple-stream encoding
- Day/Night (ICR); 3D DNR; AWB; AGC; BLC
- IR distance up to 400 m
- Smart tracking
- Tripwire
- Intrusion
- Crowd map



System Overview

Starlight panoramic HD network camera, with all-in-one design, provides a 360°panorama and region of interest details at the same time. The panoramic network combines 8 sensors working in tandem to realize 360°panoramic surveillance; all-in-one module and high-speed PTZ camera provides the function of quick position details. In addition, with video analytic algorithm and multi-target track algorithm, the camera can automatically or manually detect tripwire and intrusion of multiple targets in detection area, output alarm signal, and then link PTZ for smart tracking. With these excellent features, the camera can meet higher security requirements.

Functions

True Day/Night

A day/night mechanical IR cut filter makes this camera ideal for applications with fluctuating lighting conditions, delivering color images during the day and automatically switching to monochrome as the scene darkens.

Starlight Technology

Featured with Dahua Starlight Technology, the camera is ideal for applications with challenging light conditions. Its low light performance delivers usable video with minimal ambient light. Even in extreme low light conditions, Starlight Technology is capable of delivering color images in nearly complete darkness.

Crowd map

1. The crowd map is displayed on panorama.
2. Customized ROIs setting, people counting overlay and people threshold alarm.
3. Global crowd density threshold setting and alarm.
4. Alarm linkage for global crowd density threshold and area people threshold (Arm period, record, sending E-mail and snapshot).

Tripwire detection and intrusion detection

With advanced CNN algorithm, the detection distance, and the accuracy rate and timely rate of linkage track are much improved.

Smart tracking

1. Panoramic channel supports manual position, frame selection zoom position.
2. Manual track.
3. Auto track after tripwire and intrusion are triggered.
4. Smart tracking after crowd map alarm is triggered.

Platform	EVS, NVR, M70, DSS
Certification	
Certification	CE-LVD: EN60950-1 CE-EMC: Electromagnetic Compatibility Directive 2014/30/EU FCC: 47 CFR FCC Part 15, Subpart B UL/CUL: UL60950-1 CAN/CSA C22.2 No.60950-1-07
Port	
RS-485 port	One (Bit rate: 1200 bps-115200 bps)
Audio input	2 channels (connecting terminal)
Audio output	2 channels (connecting terminal)
Alarm input	7 channels (Wet contact, and it supports potential 3V-5V and max current 0.5A.)
Alarm output	3 channels (Wet contact, and it supports max potential 30V DC, 1 A/max potential 50V AC, current 0.5 A.)
Analog output	1 channel CVBS BNC port
Power	
Power supply	DC36V
Power consumption	< 84.4W
Environment	
Operating temperature	-40°C to +70°C (-40°F to +158°F)
Operating humidity	≤95%
Storage temperature	-40°C to +70°C (-40°F to +158°F)/Less than 95% RH
Protection grade	IP66
Structure	
Enclosure	Metal + Plastic
Dimensions	Φ383 mm × 389.8 mm (Φ1256.56 ft × 1279.8 ft)
Net weight	14.7 kg (32.41 lb)
Gross weight	19.8 kg (43.65 lb)

Accessories

Optional:



DH-PFA153
DH-PFA153-Heavy
pole-mounted
bracket-DH816W2



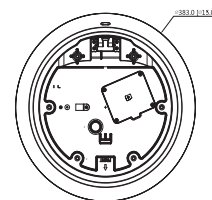
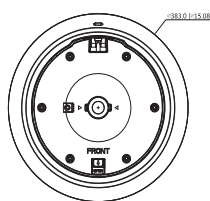
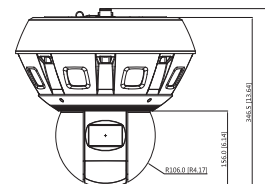
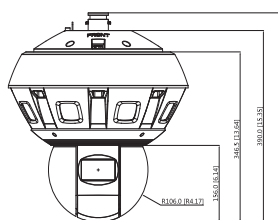
PFB710C
Hang-mounted bracket



PFB710W
Wall-mounted bracket

Pole Mount	Ceiling-mounted	Wall Mount
DH-PFA153	PFB710C	PFB710W

Dimensions (mm[inch])



Ordering Information

Type	Part Number	Description
Panoramic + PTZ camera	DH-PSDW81642M-A360	8x2MP Multi-Sensor Panoramic Network Camera+PTZ Camera, PAL/NTSC
	DH-PSDW8842M-A180	4x2MP Multi-Sensor Panoramic Network Camera+PTZ Camera, PAL/NTSC
Accessories	PFB710C	Hang-mounted bracket
	PFB710W	Wall-mounted bracket
	DH-PFA153	DH-PFA153-Heavy pole-mounted bracket-DH816W2