4MP Outdoor Wizcolor Fixed-focal 4G Pan & Tilt Network Camera

DH-P4F-PV-4G



Series Overview

WizColor series cameras utilize groundbreaking technology to capture full-color images at night, overcoming the limitations of darkness. With advanced AI noise reduction and smart recognition, these cameras deliver images with rich colors and clear targets even in low light conditions, and eliminate motion blur in dynamic scenes. Whether in urban or rural settings, this series provides uninterrupted 24-hour high-definition intelligent monitoring for diverse environments.

4MP
Clear images with sharp details

4G Connection
Expands your connectivity with 4G

One Camera for 360° View
360° monitoring without blind spots

AI Human Detection
Focuses on what matters and reduces false alarms

AI Vehicle Detection
Focuses on what matters and reduces false alarms

AI-ISP
With AI ISP technology, the camera is able to easily adapt to scenes, producing high quality images that reveal the fine details of targets.

Sound and Light Alarm
Provides instant alarms to deter intruders

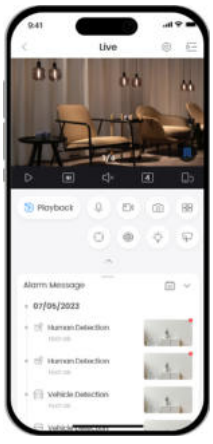
Two-way Talk
Communication anytime, anywhere

Auto Tracking
Automatic tracking of targets

IP66 Protection
Withstands harsh environments

H.265
Advanced H.265 compression technology

Supports Micro SD Card
Low-cost storage



Upgrade Your Experience with DMSS

Intuitive AIoT app for individual security

Remote Management
Live view and recording history

Easy sharing
Safer device sharing with family and friends

Notifications and Alerts
Accurate and timely

High Security
Stay secure with all data encrypted

Available on the App Store

GET IT ON Google play



Specifications

Camera

Image Sensor	1/1.8" CMOS
Max. Resolution	2560 (H) × 1440 (V)
Electronic Shutter Speed	1 s–1/30,000 s
Min. Illumination	0.0005 lux@F1.0 (Color, 30 IRE); 0 lux (illuminator on)
Illumination Distance	30 m (164.04 ft) (Warm light)
Illuminator Number	4 (warm light)

Lens

Focal Length	4 mm
Max. Aperture	F1.0
Field of View	H: 97°; V: 52°; D: 114°

PTZ

Pan/Tilt Range	Pan: 0° to 345°; Tilt: 0° to +90°

Smart Event

Human Detection	Yes
Vehicle Detection	Yes

Video

Video Compression	Smart H.265+; H.264M; H.264H; Smart H.264+; H.265; H.264B; MJPEG
Video Frame Rate	Main stream: 4M/1080p/720p@(1–25/30 fps) Sub stream 1: D1/VGA/CIF@(1–25/30 fps)
Video Bit Rate	H264: 3,072 kbps–15,104 kbps H265: 1,280 kbps–9,216 kbps
Day/Night	Color/B/W
WDR	DWDR
Motion Detection	Yes
Image Rotation	180°

Audio

Audio Compression	PCM, G.711A, G.711Mu
Built-in MIC	Yes
Built-in Speaker	Yes

Network

Network Port	RJ-45 (10/100 Base-T)
Wireless Carrier Frequency Band	EAU LTE-FDD: B1/B3/B5/B7/B8/B20/B28 TDD:B38/40/41 EUR LTE-FDD: B1/B3/B5/B7/B8/B20/B28 TDD:B38/40/41 LA LTE-FDD: B2/B3/B4/B5/B7/B8/B28/B66
Max. Transmission Power	4G: Power class3: 23dBm±2dB
Interoperability	ONVIF (Profile S & Profile G & Profile T); SDK; CGI
Storage	Micro SD card (Up to 256 GB); FTP
Management Software	DSS Pro; 5 Series NVR; DMSS
Mobile Client	Android; iOS

Function

Abnormal Sound Alarm	Yes

Certification

Certifications	CE

Power

Power Supply	12 VDC,1 A ± 10% (included)
Power Consumption	Basic: 3 W Max: 7.5 W (illuminator + PTZ)

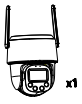
Environment

Operating Temperature	–30 °C to +55 °C (–22 °F to +131 °F)
Operating Humidity	≤95%
Protection	TVS 2000 V lightning proof; Waterproof and Dustproof; surge protection; voltage transient protection

Structure

Product Dimensions	153.5 mm × Φ129.3 mm (6.04" × Φ5.09")
Net Weight	0.66 kg (1.46 lb)

What's in the box



Tools:

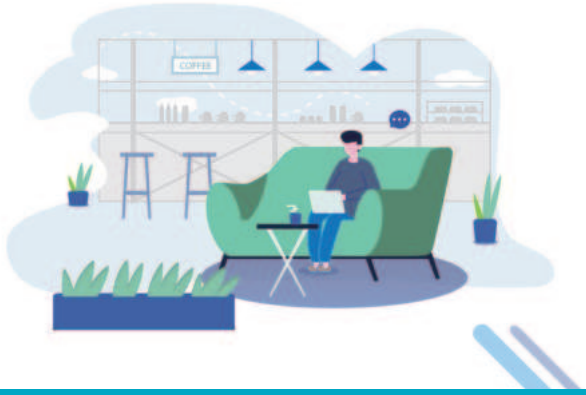
- Installation Position Map × 1
- Screw Package × 1
- Mounting Plate × 1
- Waterproof Connector x 1

Documents:

- QR Code × 1
- Quick Start Guide × 1
- Legal and regulation information × 1
- Certification × 1
- Wireless Frequency Band Paper × 1 (Only for-EUR)
- Warranty Card × 1 (Only for-EUR)

Power:

- Power Adapter × 1



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