



## 3MP WizColor Outdoor Wi-Fi Pan & Tilt Network Camera

# DH-P3F-PV



### Series Overview

The Wireless Compact Outdoor PT Camera sets a new standard for intelligent surveillance. In low-light conditions, it leverages WizColor technology to deliver crisp and vibrant images comparable to those captured in daylight without the need for additional lighting. Featuring advanced auto-tracking and preset patrol functions, it accurately detects human and vehicles while minimizing false alarms. In the event of an intrusion, the camera activates sound and light alarms and promptly relays vital information to the mobile client, ensuring you stay informed no matter where you are.



#### 3MP

Clear images with sharp details



#### AI-ISP

Provides a more vibrant, brighter image under low light conditions



#### Sound and Light Alarm

Provides instant alarms to deter intruders



#### Auto Tracking

Automatic tracking of targets



#### AI Human Detection

Focuses on what matters and reduces false alarms



#### AI Vehicle Detection

Focuses on what matters and reduces false alarms



#### One Camera for 360° View

360° monitoring without blind spots



#### Preset Patrol

Guards the places that matter to you regularly



#### IP66 Protection

Withstands harsh environments



#### Two-way Talk

Communication anytime, anywhere



#### Bluetooth Pairing

Fast pairing with Bluetooth



#### Wi-Fi 6

Seamless integration of speed and anti-interference



#### H.265

Advanced H.265 compression technology



#### Supports Micro SD Card

Low-cost storage



#### DMSS App

Easy to use



## Upgrade Your Experience with DMSS

Intuitive AIoT app for individual security



#### Remote Management

Live view and recording history



#### Notifications and Alerts

Accurate and timely



#### Easy sharing

Safer device sharing with family and friends



#### High Security

Stay secure with all data encrypted





## Specifications

### Camera

Image Sensor	1/2.8" CMOS
Max. Resolution	2304 (H) × 1296 (V)
Electronic Shutter Speed	1 s–1/100,000 s
Min. Illumination	0.0005 lux@F1.0 (Color, 30 IRE); 0 lux (Illuminator on)
Illumination Distance	30 m (98.43 ft) (Warm light)
Illuminator Number	4 (Warm light)

### Lens

Focal Length	3.6 mm
Max. Aperture	F1.0
Field of View	H: 81.6°; V: 44.3°; D: 96.4°

### PTZ

Pan/Tilt Range	Pan: 0° to 345°; Tilt: 0° to 90°
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### Smart Event

Human Detection	Yes
Vehicle Detection	Yes

### Video

Video Compression	Smart H.265+; H.265; Smart H.264+; H.264B; H.264M; H.264H; MJPEG(Sub Stream 1)
Video Frame Rate	Main stream: 3M/1080p/720p@(1–15 fps) Sub stream 1: 640 × 360/QVGA@(1–15 fps)
Day/Night	Color/B/W
WDR	120 dB
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)
Wi-Fi Standard	IEEE802.11b; IEEE802.11g; IEEE802.11n; IEEE802.11ax
Wi-Fi Frequency Range	2.4 GHz
Wi-Fi Transmission Rate	229 Mbps
Wi-Fi Pairing	Bluetooth pairing
Max. Transmission Power	≤20 dBm@2400–2483.5 MHz
Interoperability	ONVIF (Profile S & Profile G & Profile T); CGI; SDK
Storage	Micro SD card (Up to 512 GB); FTP
Management Software	DMSS; NVR
Mobile Client	iOS; Android

### Function

Abnormal Sound Alarm	Yes
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### Certification

Certifications	CE
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### Power

Power Supply	12 VDC, 1 A ± 10%
Power Consumption	Basic: 3 W Max. (Basic power consumption + WDR + Light on + PTZ operation): 9 W

### Environment

Operating Temperature	–30 °C to +55 °C (–22 °F to +131 °F)
Operating Humidity	≤95%
Protection	IP66; TVS 2000 V lightning proof; surge protection; voltage transient protection

### Structure

Product Dimensions	153.5 mm × Φ129.3 mm (6.04" × Φ5.09")
Net Weight	0.60 kg (1.32 lb)

## What's in the box

Tools:
Installation Position Map x 1
Screw Package x 1
Mounting Plate x 1
Waterproof Connector x 1

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

Power:
Power Adapter x 1

