

3+3MP Outdoor Dual-Lens Pan & Tilt 4G Camera

DH-P3D-3F-PV-4G



Series Overview

The Picoo Dual D1 4G Camera offers live surveillance from multiple angles with its fixed and PT lenses, enabling it to monitor two areas at the same time. As part of the Dahua Wireless family, this camera boasts exceptional capabilities. Both its lenses offer AI driven human and vehicle detection, significantly reducing the occurrence of false alarms. Additionally, the PT lens can identify moving targets and track them automatically. When the camera detects an intruder, it triggers sound and light alarms and sends notifications to the mobile client, keeping you up to date regardless of your location. Thanks to its 4G network capability, this camera delivers continuous surveillance even in Wi-Fi-limited environments, making it an ideal choice for remote outdoor locations such as farms, ranches, and orchards.



Dual 2K

Clear images with sharp details



Dual-lens, Double Vision

One camera, double the protection



Adjustable Dual-lens Angles

See all around with adjustable lenses



Dual Channel Smart Detection

Smart detection for both lenses to focus on what matters



AI Human Detection

Focuses on what matters and reduces false alarms



AI Vehicle Detection

Focuses on what matters and reduces false alarms



IP66 Protection

Withstands harsh environments



Auto Tracking

Automatic tracking of targets



Sound and Light Alarm

Provides instant alarms to deter intruders



Smart Dual Light

Captures color details for post-event review



Supports Micro SD Card

Low-cost storage



4G Connection

Expands your connectivity with 4G



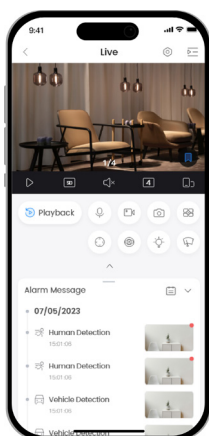
H.265

Advanced H.265 compression technology



WEB

Effortlessly handles device management and configuration



Upgrade Your Experience with DMSS

Dahua Mobile Security Surveillance (DMSS) is a professional remote surveillance management platform that offers remote monitoring, device migration, and sharing. When connected to the internet, the platform provides real-time alerts to improve surveillance efficiency and grant flexibility in security management.





Specifications

Camera

Fixed Lens

Image Sensor	1/2.8" CMOS
Max. Resolution	2304 (H) × 1296 (V)
Illumination Distance	30 m (98.43 ft) (Warm light); 30 m (98.43 ft) (IR)
Illuminator Number	2 (IR); 2 (Warm light)
Focal Length	4 mm
Max. Aperture	F1.6
Field of View	H: 73.8°; V: 43.4°; D: 86.5°
Pan/Tilt Range	Pan: 0° to 290°; Tilt: -10° to +15° (Manual)

PT Lens

Image Sensor	1/2.8" CMOS
Max. Resolution	2304 (H) × 1296 (V)
Illumination Distance	30 m (98.43 ft) (Warm light); 30 m (98.43 ft) (IR)
Illuminator Number	2 (IR); 2 (Warm light)
Focal Length	4 mm
Max. Aperture	F1.6
Field of View	H: 73.8°; V: 43.4°; D: 86.5°
Pan/Tilt Range	Pan: 0° to 350°; Tilt: 0° to +90° (Electric)

Smart Event

Human Detection	Yes
Vehicle Detection	Yes

Audio and Video

Video Compression	Smart H.265+; H.265; Smart H.264+; H.264B; H.264M; H.264H
Video Frame Rate	Main stream: 3M/1080p/720p/640 × 360@ (1–15/15 fps) Sub stream 1: 640 × 360/QVGA@ (1–15/15 fps)

Video Bit Rate	H264: 80 kbps–2,048 kbps H265: 32 kbps–1,536 kbps
Day/Night	Auto (ICR); Color/B/W
WDR	DWDR
Motion Detection	Yes
Image Rotation	180°
Audio Compression	PCM; G.711a; G.711Mu; G.726
Built-in MIC	Yes
Built-in Speaker	Yes

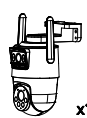
Network

Network Port	RJ-45 (10/100 Base-T)
Wireless Carrier Frequency Band	EU LTE-FDD: B1/B3/B5/B7/B8/B20/B28 LA LTE-FDD: B2/B3/B4/B5/B7/B8/B28/B66
Max. Transmission Power	4G: Power class3: 23 dBm ± 2 dB
Storage	Micro SD card (Supports max 256 GB)
Management Software	DMSS
Mobile Client	iOS; Android

General

Certifications	CE
Power Supply	12 VDC, 1 A ± 10%
Power Consumption	Basic: 5 W; Max: 12 W (illuminator + PTZ + sound and light warning)
Operating Temperature	-20 °C to +50 °C (-4 °F to +122 °F)
Operating Humidity	≤95%
Protection	IP66
Casing Material	Plastic
Product Dimensions	124.9 mm × 159.4 mm × 213.9 mm (4.92" × 6.28" × 8.42") (L × W × H)
Net Weight	610 g (1.34 lb)

What's in the box

 x1	Tools:	Documents:	Power:
	 Installation Position Map × 1	 QR Code × 1	 Power Adapter × 1
	 Screw Package × 1	 Quick Start Guide × 1	
	 Waterproof Connector × 1	 Legal and regulation information × 1	
		 Certification × 1	
		 Wireless Frequency Band Paper × 1 (-EUR model only)	
		 Warranty Card × 1 (-EUR model only)	

