

PC5W-Dual

5+5MP Outdoor Wi-Fi Dual-Lens Pan & Tilt Camera



Series Overview

The PC5W Dual Series, which is under the HiView Wireless series, consists of cameras equipped with both fixed lens and PT lens. This unique combination allows for simultaneous live monitoring of two areas, providing coverage from multiple angles. Leveraging its dual lenses, the camera performs smart detection using advanced functions like AI human and vehicle detection, effectively minimizing false alarms. Additionally, with the assistance of the PT lens, the camera has the capability to automatically track moving targets. The camera also triggers sound and light alarms upon detecting an intrusion, promptly sending notifications to the mobile client to ensure you remain up to date regardless of your location. These cameras are widely utilized in small-scale scenes such as shops and restaurants.

 Dual 3K Clear images with sharp details	 Dual-lens, Double Vision One camera, double the protection	 Linkage Tracking (2.8mm+6mm only) Coordinated fixed lens and PT lens monitoring ensures complete vigilance in security
 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
 Tap and View (2.8mm+6mm only) Tap anywhere on the close-up view in the App, and the PT lens will	 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	 Micro SD Card Low-cost storage
 Bluetooth Pairing Fast pairing with Bluetooth	 Wi-Fi 6 The perfect integration of speed and anti-interference	 H.265 Advanced H.265 Compression Technology

Specifications

Camera (2.8 mm +6 mm)

Fixed Lens

Image Sensor	1/3" CMOS
Max. Resolution	2880 (H) × 1620 (V)
Illumination Distance	Up to 30 m (98.43 ft) (IR) Up to 20 m (65.62 ft) (Warm light)
Illuminator Number	2 (IR LED); 2 (Warm light)
Angle Adjustment	-10° to 15°
Lens Type	Fixed-focal
Focal Length	2.8 mm
Max. Aperture	F1.6
Field of View	H: 95°; V: 53°; D: 110°

PT Lens

Image Sensor	1/3" CMOS
Max. Resolution	2880 (H) × 1620 (V)
Illumination Distance	Up to 50 m (164.04 ft) (IR) Up to 40 m (131.23 ft) (Warm light)
Illuminator Number	2 (IR LED); 2 (Warm light)
Angle Adjustment	Pan: 0° to 352°; Tilt: 0° to 90°
Lens Type	Fixed-focal
Focal Length	6 mm
Max. Aperture	F1.6
Field of View	H: 49°; V: 26°; D: 57°

Camera (3.6 mm+3.6 mm)

Fixed Lens

Image Sensor	1/3" CMOS
Max. Resolution	2880 (H) × 1620 (V)
Illumination Distance	Up to 30 m (98.43 f) (IR) Up to 30 m (98.43 f) (Warm light)
Illuminator Number	2 (IR LED); 2 (Warm light)
Angle Adjustment	-10° to 15°
Lens Type	Fixed-focal
Focal Length	3.6mm
Max. Aperture	F1.6
Field of View	H: 78°; V: 42°; D: 92°

PT Lens

Image Sensor	1/3" CMOS
Max. Resolution	2880 (H) × 1620 (V)
Illumination Distance	Up to 30 m (98.43 f) (IR) Up to 30 m (98.43 f) (Warm light)
Illuminator Number	2 (IR LED); 2 (Warm light)
Angle Adjustment	Pan: 0° to 352°; Tilt: 0° to 90°
Lens Type	Fixed-focal
Focal Length	3.6mm
Max. Aperture	F1.6
Field of View	H: 78°; V: 42°; D: 92°

Intelligence

Human Detection	Yes
Vehicle Detection	Yes

Audio and Video

Video Compression	H.265
Video Frame Rate	Main stream: 2880 × 1620@15 fps sub stream: 640 × 360@15 fps *The values above are the max. frame rates of each stream; for multiple streams, the values will be subjected to the total encoding capacity.
Video Bit Rate	H.265: 768 kbps–4096 kbps
Day/Night	Auto(ICR)/Color/B/W
WDR	DWDR
Motion Detection	Yes
Image Rotation	0°/180°
Built-in MIC	Yes, built-in Mic
Built-in Speaker	Yes, built-in speaker
Audio Compression	G.711a

Network

Network Port	RJ-45 (10/100 Base-T)
Wi-Fi	IEEE 802.11b/g/n/ax 2.4000~2.4835 GHz, 2.4G, ≤20dBm
Wi-Fi Pairing	Bluetooth pairing
Storage	Micro SD card (support max. 256 GB)
Management Software	Hiview D
Mobile Client	iOS;Android

General

Power Supply	12 VDC
Power Consumption	Basic: 2.6 W Max.: 10.6 W (pulling stream+ IR + siren and light active deterrence)
Operating Temperature	–30 °C to +50 °C (–22 °F to +122 °F)
Operating Humidity	≤95% (RH), non-condensing
Protection	IP66
Casing Material	Plastic
Product Dimensions	159.4 mm × 119.1 mm × 210 mm (6.28" × 4.69" × 8.27") (L × W × H)
Net Weight	585 g (1.29 lb)

What's in the box

