

DH-H3A-U

3MP Indoor Fixed-focal Wi-Fi Pan & Tilt Network Camera



- 3-MP 1/3.2" CMOS image sensor, low luminance, and high definition image.
- Outputs max. 3 MP (2304x1296)@25 fps.
- H.265 codec, high compression rate, ultra-low bit rate.
- Built-in IR LED, and the max. IR illumination distance is 15 m.
- Supports max. 256 G Micro SD card; built-in Mic; built-in speaker.
- 5 VDC power supply.
- Supports Wi-Fi.
- Supports motion detection, human detection.



Series Overview

Dahua Wireless series cameras are not only easy to install and operate, but also perform outstandingly and cost-effective. They provide full coverage of a scene with 3MP resolution, 0° to 355° pan and -5° to 80° tilt. Their powerful functions, such as human detection and auto tracking, assist with the accurate detection and continuous tracking of targets. Information is also synchronously sent to your phone to keep you up-to-date. These cameras are widely used in small and medium-sized scenes such as small-sized retail stores.

Functions

Motion Detection

When moving objects appear in the monitoring image, Dahua Motion Detection technology triggers alarm or records.

Day/Night

Dahua Day/Night function provides color image when illumination is adequate; when illuminance is inadequate, it switches night mode and provides white and black image. It can guarantee that the network camera can work normally when illuminance changes.

Two-way Talk

With its built-in high-sensitivity microphone and high-power speaker, the camera realizes two-way talk through the mobile app.

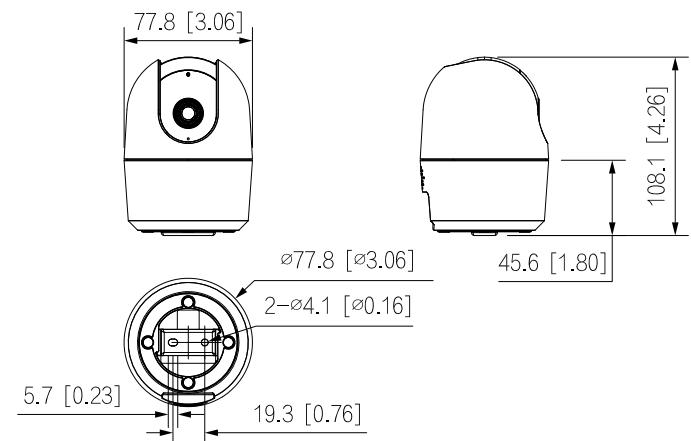
Auto Tracking

When a target is detected, the system immediately uses pan and tilt to automatically track the target while they are moving, keeping them within the visual range.

Technical Specification		Power	
Camera		Power Supply	
Image Sensor	1/3.2" CMOS	5 VDC, 1A	
Max. Resolution	2304 x 1296	Power Consumption	
Electronic Shutter Speed	Auto/Manual 1/3 s–1/100,000 s	Basic: 1.7 W; Max. (video stream acquiring + IR + PTZ Rotation): 3.5 W	
Illumination Distance	Up to 15 m (49.21 ft) (IR)	Environment	
Illuminator On/Off Control	Auto	Operating Temperature	–10 °C to +45 °C (+14 °F to +113 °F)
Illuminator Number	1 (IR LED)	Operating Humidity	≤ 95%
Angle Adjustment	Pan: 0° to 355°; Tilt: -5° to +80°	Structure	
Lens		Casing Material	Plastic
Max. Aperture	3.6 mm: F2.0	Product Dimensions	Φ77.8 mm × 108.1 mm (Φ3.06" × 4.26")
Field of View	3.6 mm: H: 79°; V: 43°; D: 94°	Net Weight	204.2 g (0.45 lb)
Video			
Video Compression	H.265		
Video Frame Rate	Main stream: 2304x1296@25 fps Sub stream: 640 × 480 @25 fps		
Resolution	3MP (2304x1296); VGA (640 × 480)		
Video Bit Rate	H.265: 80 kbps–4096 kbps		
Day/Night	Auto(ICR)/Color/B/W		
WDR	DWDR		
Motion Detection	OFF/ON (4 areas, rectangular)		
Image Rotation	0°/180°		
Audio			
Built-in MIC	Yes, built-in Mic		
Built-in Speaker	Yes, built-in speaker		
Audio Compression	G.711a		
Alarm			
Alarm Event	No SD card; SD card full; SD card error; network disconnection; motion detection; audio detection		
Network			
Network Port	RJ-45 (10/100 Base-T)		
Wi-Fi	IEEE 802.11b/g/n 2.4–2.4835 GHz, 2.4 G		
Storage	Micro SD card (up to 256 GB)		
Management Software	DMSS		
Mobile Client	iOS;Android		
Certification			
Certifications	CE		

Ordering Information		
Type	Model	Description
3MP Camera	DH-H3A-U	3MP Indoor Fixed-focal Wi-Fi Pan & Tilt Network Camera
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Accessories	A806A-050100U-EU1	5 VDC 1 A Power Adapter
	TF-C100	MicroSD Memory Card

Dimensions (mm[inch])



Accessories

Included:



A806A-050100U-EU1
5 VDC 1 A Power Adapter

Optional:



TF-C100
MicroSD Memory Card

