

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 | |
|----------------------------|---|
| Camera | |
| Image Sensor | 1/3.2" CMOS |
| Max. Resolution | 2304 x 1296 |
| Electronic Shutter Speed | Auto/Manual 1/3 s–1/100,000 s |
| Illumination Distance | Up to 15 m (49.21 ft) (IR) |
| Illuminator On/Off Control | Auto |
| Illuminator Number | 1 (IR LED) |
| Angle Adjustment | Pan: 0° to 355°; Tilt: -5° to +80° |
| Lens | |
| Max. Aperture | 3.6 mm: F2.0 |
| Field of View | 3.6 mm: H: 79°; V: 43°; D: 94° |
| 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 |

| | |
|-----------------------|---|
| Power | |
| Power Supply | 5 VDC, 1A |
| Power Consumption | Basic: 1.7 W; Max. (video stream acquiring + IR + PTZ Rotation): 3.5 W |
| Environment | |
| Operating Temperature | –10 °C to +45 °C (+14 °F to +113 °F) |
| Operating Humidity | ≤ 95% |
| Structure | |
| Casing Material | Plastic |
| Product Dimensions | φ77.8 mm × 108.1 mm (φ3.06" × 4.26") |
| Net Weight | 204.2 g (0.45 lb) |

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

Accessories

Included:

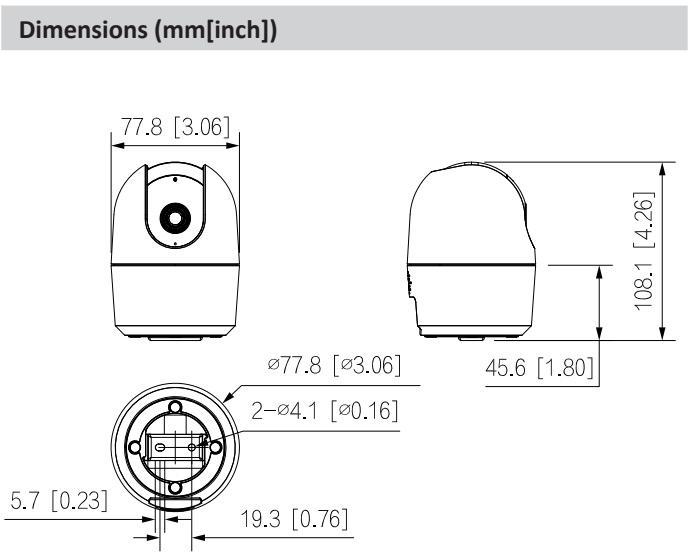


A806A-050100U-EU1
5 VDC 1 A Power Adapter

Optional:



TF-C100
MicroSD Memory Card



| Ceiling Mount | Wall Mount | Table Mount |
|---------------|------------|-------------|
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