

# H82-W WIFI Intelligent Camera

WI-FI 6 transmission + Bluetooth

APP pairing

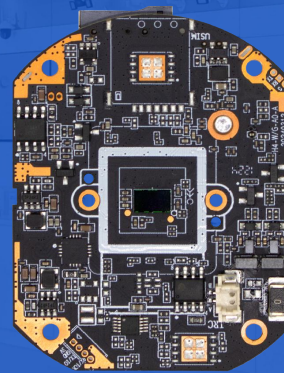
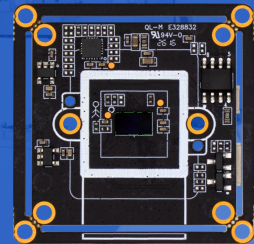
2.4G+5G dual-band WIFI

Dual 4MP HD images

Dual-channel linkage AI detection

Human/vehicle detection & auto human tracking

Support 512G TF card storage

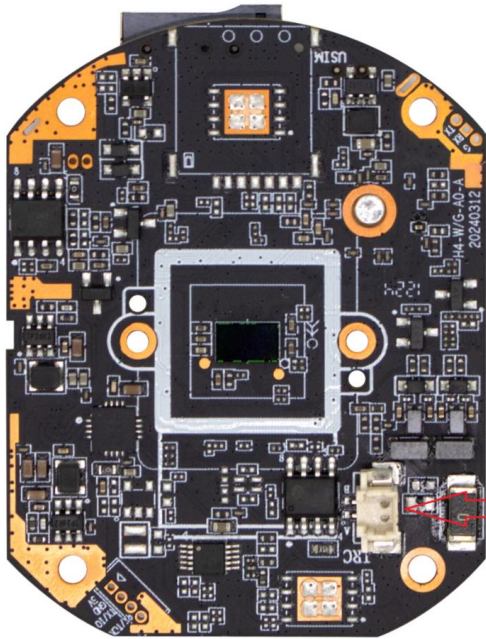
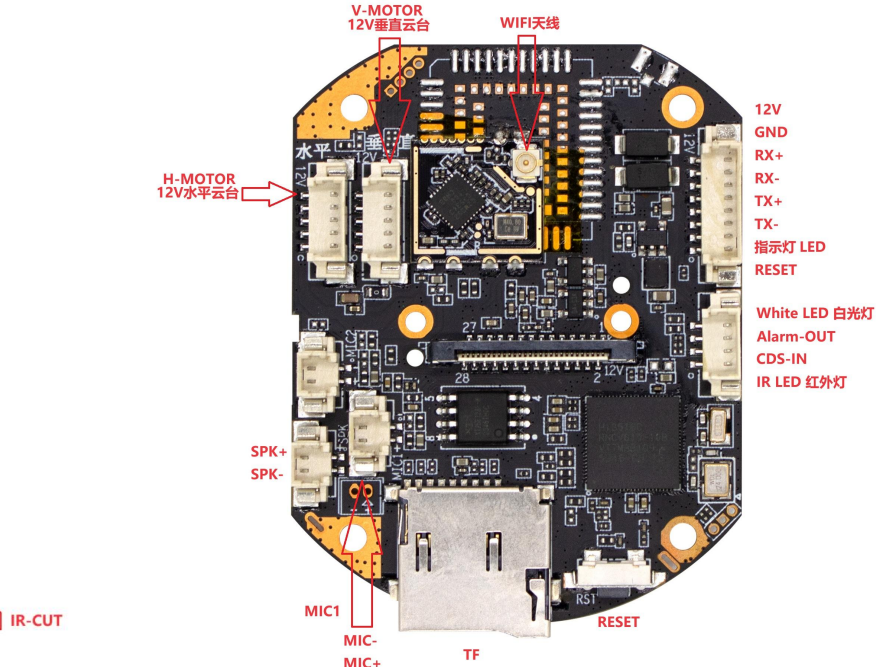
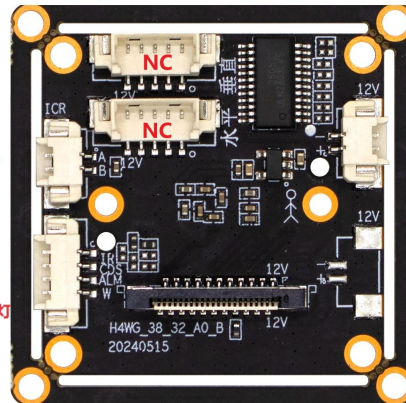


## Features

- Built-in 1T computing power NPU and embedded AI large algorithm model
- Wired & wireless dual connectivity; Wi-Fi 6 (2.4G+5G dual-band) for stable transmission
- Built-in Wi-Fi hotspot for offline monitoring; Bluetooth APP pairing for easy Wi-Fi connection
- Intelligent light sensing, clear face vision at night
- OSD text overlay with multi-line display and global language input support
- Built-in WEB 2.0 page, compatible with Chrome, Edge, Safari, Firefox and other modern browsers
- Support 512G TF card; intelligent/regular recording with auto loop overwrite
- 8MP total HD resolution (4MP fixed lens + 4MP PTZ lens), dual main/sub stream output
- New intuitive APP UI, supports alarm push notifications
- Device sharing function, support up to 16 shared users
- Support human & vehicle shape detection, extended to E-fence, cross border, out of duty, people counting application scenarios, etc.
- Human auto-tracking with auto return after tracking; dual-lens linkage enabled
- Support sound & light linkage alarm, alarm sound supports customized and text to speech
- Support alarm output, enable linkage to red & blue light alarm
- Support RTSP, ONVIF protocol

- Support image mask occlusion, protect privacy area
- Support audio in/out, two-way-talk, audio & video synchronization

## | Wiring Diagram



IR-CUT

IR LED 红外灯

CDS-IN

Alarm-OUT

White LED 白光灯

12V OUT

## APP download



HiEasy



Wechat

## Specifications

| Image                       |                                                                                                                                                                     |
|-----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Day & Night                 | Full color、Smart dual light、IR, Smart PWM technology (no face overexposure)                                                                                         |
| Image Adjustment            | AWB, D-WDR & BLC supported; adjustable brightness, contrast & saturation.                                                                                           |
| Privacy Mask                | Support                                                                                                                                                             |
| Mirror                      | Support                                                                                                                                                             |
| OSD                         | Support OSD setting and drag OSD                                                                                                                                    |
| Intelligent AI Applications |                                                                                                                                                                     |
| Electronic Fence            | Support human/vehicle shape detection, devices will trigger alarm once enter alert area                                                                             |
| Cross Border                | Detect human shape, Support A->B、B->A、A<->B direction detection                                                                                                     |
| Human tracking              | Supports automatic human tracking once human targets detected.                                                                                                      |
| Voice alarm                 | Linked custom-recordable voice announcement.                                                                                                                        |
| IO alarm                    | Supports red-blue light alarm linkage.                                                                                                                              |
| NVR linkage                 | Links to NVR for full-screen view, local audio, AI recording and alert push                                                                                         |
| Video                       |                                                                                                                                                                     |
| Code                        | H.264, H.265, H.265+, H.265 Ultra                                                                                                                                   |
| Resolution                  | Fixed camera: mainstream: 4MP(2560*1440)/3MP(2304*1296)/2MP(1920*1080)/1MP(1280*720)<br>PTZ: mainstream: 4MP(2560*1440)/3MP(2304*1296)/2MP(1920*1080)/1MP(1280*720) |
|                             | Sub-stream: 448P(800*448)/360P(640*360)/ CIF(352*288)                                                                                                               |

|                     |                                                                           |
|---------------------|---------------------------------------------------------------------------|
| Storage             | Support up to 512G TF card & NVR storage ;                                |
| <b>Network</b>      |                                                                           |
| Ethernet            | RJ-45 10M/100M self-adaptive                                              |
| Protocol            | ONVIF, P2P, CGI, HTTP, TCP/IP, IPv4, RTSP, UDP, NTP, DHCP, DNS, IP Filter |
| WIFI                | Support WI-FI 6, 2.4G+5G band, 802.11 b/g/n                               |
| BLE                 | Bluetooth pairing                                                         |
| Access Protocols    | ONVIF/Private/CGI protocols                                               |
| Client Software     | APP: P6SLite; PC: EasyVMS; NVR centralized management                     |
| <b>Audio</b>        |                                                                           |
| Audio               | G.711U、G711A                                                              |
| Audio In            | Support (-36dB MIC recommended)                                           |
| Audio Out           | Support, Built-in amp, for 8Ω 2W speaker                                  |
| <b>General</b>      |                                                                           |
| Size                | PTZ: 58*44, Minion mounting hole ; Fixed lens: 38*38 size                 |
| Working Temperature | -30°C ~ +60°C                                                             |
| Power               | DC 12V                                                                    |