

| AW623FR                                                                           |                     |                                                                                                               |                                                                                                                                 |
|-----------------------------------------------------------------------------------|---------------------|---------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| Product Image                                                                     |                     | Product Features                                                                                              |                                                                                                                                 |
|  |                     | ★ Features AOV mode, 24/7 recording at 1 frame per second.                                                    |                                                                                                                                 |
|                                                                                   |                     | ★ Boasts an ultra-wide-angle lens and PTZ (Pan-Tilt-Zoom) capabilities, offering flexible rotation for a full |                                                                                                                                 |
|                                                                                   |                     | ★ Employs dual night vision modes (color and B&W), supported by supplemental lighting to ensure clear         |                                                                                                                                 |
|                                                                                   |                     | images in low-light conditions.                                                                               |                                                                                                                                 |
|                                                                                   |                     | ★ Leverages AI algorithms for intelligent tracking, featuring human detection and targeted following.         |                                                                                                                                 |
|                                                                                   |                     | ★ Offers customizable siren sounds and audio-visual alarms.                                                   |                                                                                                                                 |
|                                                                                   |                     | ★ Support cloud storage                                                                                       |                                                                                                                                 |
|                                                                                   |                     | ★ Four lenses to monitor different directions simultaneously.                                                 |                                                                                                                                 |
|                                                                                   |                     | ★ Dual light source, full color day and night                                                                 |                                                                                                                                 |
| No.                                                                               | Sorts               | Type                                                                                                          | Parameters                                                                                                                      |
| 1                                                                                 | System              | Operating system                                                                                              | Linux                                                                                                                           |
|                                                                                   |                     | Online visitor                                                                                                | Supports 4 visitors at the same time                                                                                            |
|                                                                                   |                     | APP                                                                                                           | VStarcam Ultra                                                                                                                  |
| 2                                                                                 | Collection          | Processor                                                                                                     | Hi3516CRNCV608                                                                                                                  |
|                                                                                   |                     | Memory                                                                                                        | 1Gbit                                                                                                                           |
|                                                                                   |                     | Image sensor                                                                                                  | 4*CV2005 1/3                                                                                                                    |
|                                                                                   |                     | Min. Illumination                                                                                             | 0.8Lux/F1.4(Color mode), 0.3Lux/F1.4(B/W)                                                                                       |
|                                                                                   |                     | Lens                                                                                                          | Bullet channel:focal length 4mm, 1G3P<br>PTZ channel: focal length 4mm, 1G3P                                                    |
|                                                                                   |                     | Sensor performance                                                                                            | Support automatic white balance, automatic gain control and automatic backlight compensation                                    |
|                                                                                   |                     | PTZ                                                                                                           | PTZ channel (App Control): pan 270 °, tilt 90 °;<br>Bullet channel (Manual adjustment): pan 244 °, tilt 90 °.                   |
|                                                                                   |                     | Field of View                                                                                                 | 100 ° diagonal                                                                                                                  |
| 3                                                                                 | Video               | Night vision                                                                                                  | Full color night vision, dual light source                                                                                      |
|                                                                                   |                     | Compression standard                                                                                          | H.265 /MJPEF/JPEG                                                                                                               |
|                                                                                   |                     | Multi stream                                                                                                  | Main stream: 1920*1080@12fps Sub stream: 640*384p@12fps                                                                         |
|                                                                                   |                     | IR control                                                                                                    | When IR night vision is enabled, the IR and ICR operate automatically; when disabled, IR stays off and ICR is fixed in day mode |
|                                                                                   |                     | Bit rate                                                                                                      | CBR/VBR control modes; Output range: 128~4096kbps                                                                               |
| 4                                                                                 | Audio               | Image adjustment                                                                                              | Vertical, horizontal adjustable, OSD support                                                                                    |
|                                                                                   |                     | Input                                                                                                         | Built-in-38dB microphone                                                                                                        |
|                                                                                   |                     | Output                                                                                                        | Built-in 8Ω1W speaker                                                                                                           |
|                                                                                   |                     | Sampling frequency / Bit depth                                                                                | 8KHz/16bit                                                                                                                      |
| 5                                                                                 | AI                  | Compression standard / Bit rate                                                                               | G711A                                                                                                                           |
|                                                                                   |                     | Human detection                                                                                               | Detects human and filters out false alarms.                                                                                     |
|                                                                                   |                     | Zone detection                                                                                                | Customizable monitoring zones; focus only on areas of interest.                                                                 |
|                                                                                   |                     | Smart notification sounds                                                                                     | Differentiated push notification sounds to identify which device was triggered.                                                 |
|                                                                                   |                     | Smart alarm sounds                                                                                            | Set different device alarm sounds according to different scenarios.                                                             |
| 6                                                                                 | Network             | Advanced AI (testing)                                                                                         | Pet, vehicle, and package detection (Under development).                                                                        |
|                                                                                   |                     | Network connection                                                                                            | Scan device QR code; Scan APP QR code; Bluetooth pairing; AP mode pairing                                                       |
|                                                                                   |                     | Wireless Standard                                                                                             | IEEE 802.11 b/g/n/ax WIFI6                                                                                                      |
|                                                                                   |                     | Wireless Frequency Band                                                                                       | 2.400 GHz ~ 2.497 GHz<br>4.900 GHz ~ 5.845 GHz                                                                                  |
| 7                                                                                 | Buttons             | Power button                                                                                                  | Power On/Off                                                                                                                    |
|                                                                                   |                     | Reset button                                                                                                  | Long press to restore factory settings                                                                                          |
| 8                                                                                 | Storage             | External TF card                                                                                              | Support TF card (up to 256GB)                                                                                                   |
|                                                                                   |                     | Cloud storage                                                                                                 | Support                                                                                                                         |
| 9                                                                                 | Alarm               | Sound light alarm                                                                                             | Sound and light alarm                                                                                                           |
|                                                                                   |                     | Alarm detection                                                                                               | Support human detection                                                                                                         |
| 10                                                                                | Physical Indicators | Rated voltage                                                                                                 | DC5V/2.5A±5%                                                                                                                    |
|                                                                                   |                     | Power supply                                                                                                  | 12000mAh battery powered                                                                                                        |
|                                                                                   |                     | Power consumption                                                                                             | AOV mode 60mAh, working: 400MA-1.8A max                                                                                         |
|                                                                                   |                     | Operating condition                                                                                           | Temperature: -10 ~ 55°C; Humidity: < 90%                                                                                        |
|                                                                                   |                     | Weight                                                                                                        | Net weight: 1220g Gross weight: TBD                                                                                             |
|                                                                                   |                     | Camera Size                                                                                                   | 192x286x173mm                                                                                                                   |
|                                                                                   |                     | Packing list                                                                                                  | Camera*1,TYPE-C*1, user manual*1, solar panel*2, solar panel bracket*2                                                          |