

- 3MP HD IR Fixed-focal Bullet Network Camera
  - GW-UWA37RC83(-A)



## Features

- High quality image with 3MP, 1/2.7"CMOS sensor
- 3MP (2304\*1296) @30/25fps; 2MP (1920\*1080) @30/25fps;
- Ultra 265, H.265, H.264, MJPEG
- 2.8mm/3.6mm fixed lens
- Smart IR, up to 30m (98ft) IR distance
- IP67 protection
- Support PoE power supply
- Microphone is optional

## Technical Specifications

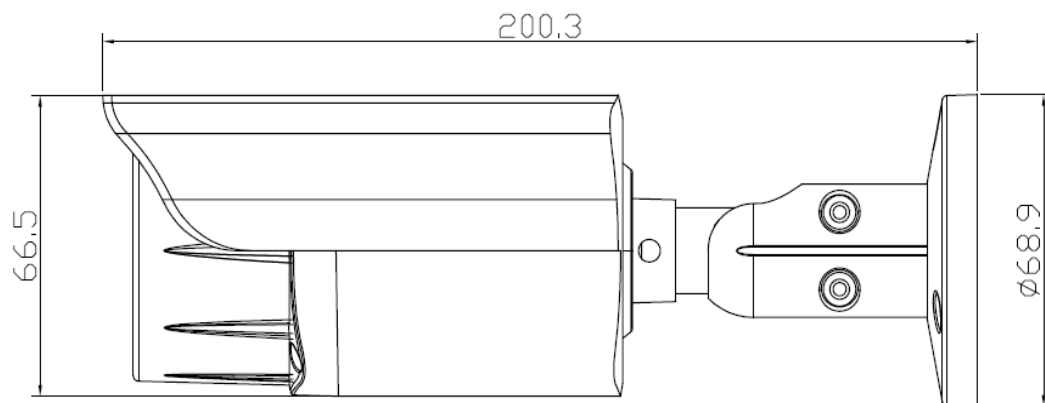
| Camera               |                                               |
|----------------------|-----------------------------------------------|
| Sensor               | 1/2.7", 3.0 megapixel, progressive scan, CMOS |
| Minimum Illumination | Color: 0.01Lux (F2.0, AGC ON), 0Lux with IR   |
| Day/Night            | IR-cut filter with auto switch (ICR)          |

|                       |                                                                                                                                                                                                                                            |            |             |               |              |
|-----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|-------------|---------------|--------------|
| Shutter               | Auto/Manual, 1 ~ 1/100000s                                                                                                                                                                                                                 |            |             |               |              |
| Adjustment angle      | Pan: 3° to 360°, Tilt: 0° to 68°, Rotate: 3° to 360°                                                                                                                                                                                       |            |             |               |              |
| WDR                   | DWDR                                                                                                                                                                                                                                       |            |             |               |              |
| S/N                   | >52dB                                                                                                                                                                                                                                      |            |             |               |              |
| Lens                  |                                                                                                                                                                                                                                            |            |             |               |              |
| Focal length          | 2.8mm/3.6mm                                                                                                                                                                                                                                |            |             |               |              |
| Angle of View         | 2.8 mm: Pan: 110.0° Tilt: 59.0° Diagonal: 132.0°<br>3.6 mm: Pan: 91.0° Tilt: 48.0° Diagonal: 109.0°                                                                                                                                        |            |             |               |              |
| DORI Distance         | Lens (mm)                                                                                                                                                                                                                                  | Detect (m) | Observe (m) | Recognize (m) | Identify (m) |
|                       | 2.8                                                                                                                                                                                                                                        | 37.3       | 14.9        | 7.5           | 3.7          |
|                       | 3.6                                                                                                                                                                                                                                        | 53.3       | 21.3        | 10.7          | 5.3          |
| Illuminator           |                                                                                                                                                                                                                                            |            |             |               |              |
| Illuminator Number    | 2 (IR LED)                                                                                                                                                                                                                                 |            |             |               |              |
| Illumination Distance | Up to 30m                                                                                                                                                                                                                                  |            |             |               |              |
| Wavelength            | 850nm                                                                                                                                                                                                                                      |            |             |               |              |
| IR On/Off Control     | Auto/Manual                                                                                                                                                                                                                                |            |             |               |              |
| Video                 |                                                                                                                                                                                                                                            |            |             |               |              |
| Video Compression     | H.265, H.264, MJPEG                                                                                                                                                                                                                        |            |             |               |              |
| Frame Rate            | Main Stream: 3MP (2304*1296), Max 30fps; 1080P (1920*1080), Max 30fps; 720P (1280*720), Max 30fps; Sub Stream: 720P (1280*720), Max 30fps; D1 (720*576), Max 30fps; 640*360, Max 30fps; 2CIF(704*288), Max 30fps; CIF(352*288), Max 30fps; |            |             |               |              |
| Bit Rate Control      | CBR/VBR                                                                                                                                                                                                                                    |            |             |               |              |
| Video Bit Rate        | 128 Kbps~6144 kbps                                                                                                                                                                                                                         |            |             |               |              |
| Mirror                | Supported                                                                                                                                                                                                                                  |            |             |               |              |
| OSD                   | Up to 4 OSDs                                                                                                                                                                                                                               |            |             |               |              |
| Privacy Mask          | Up to 4 areas                                                                                                                                                                                                                              |            |             |               |              |
| ROI                   | Up to 4 areas                                                                                                                                                                                                                              |            |             |               |              |
| Motion Detection      | Up to 4 areas                                                                                                                                                                                                                              |            |             |               |              |
| Image                 |                                                                                                                                                                                                                                            |            |             |               |              |

|                         |                                                                                                                                                                                                            |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| White Balance           | Auto/Outdoor/Fine Tune/Sodium Lamp/Locked/Auto2                                                                                                                                                            |
| Image Setting           | Image rotation, brightness, saturation, contrast, sharpness, gain adjustable by web browser                                                                                                                |
| Digital noise reduction | 2D/3D DNR                                                                                                                                                                                                  |
| Smart IR                | Supported                                                                                                                                                                                                  |
| Flip                    | Normal/Vertical/Horizontal/180°/90°Clockwise/90°Anti-clockwise                                                                                                                                             |
| HLC                     | Supported                                                                                                                                                                                                  |
| BLC                     | Supported                                                                                                                                                                                                  |
| Defog                   | Digital Defog                                                                                                                                                                                              |
| <b>Audio</b>            |                                                                                                                                                                                                            |
| Audio Standard          | G.711-u/G.711-a                                                                                                                                                                                            |
| Mic                     | Optional                                                                                                                                                                                                   |
| <b>Network</b>          |                                                                                                                                                                                                            |
| Network                 | RJ-45 (10/100 Base-T)                                                                                                                                                                                      |
| Protocols               | IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, RTP, RTSP, RTCP, RTMP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, SSL/TLS, SNMP                                                                                  |
| Compatible Integration  | ONVIF (Profile S, Profile G, Profile T), API, SDK                                                                                                                                                          |
| User/Host               | Up to 32 users. 2 user levels: administrator and common user                                                                                                                                               |
| Security                | Password protection, Strong password, HTTPS encryption, Export operation logs, Basic and digest authentication for RTSP, Digest authentication for HTTP, TLS 1.2, WSSE and digest authentication for ONVIF |
| Client                  | GuardStation                                                                                                                                                                                               |
| Mobile Phone            | Guard Viewer                                                                                                                                                                                               |
| Web Browser             | Plug-in required live view: IE9+, Chrome 41 and below, Firefox 52 and below                                                                                                                                |
|                         | Plug-in free live view: Chrome 57.0+, Firefox 58.0+, Edge 16+                                                                                                                                              |
| Network Storage         | FTP, ANR, NAS                                                                                                                                                                                              |
| <b>General</b>          |                                                                                                                                                                                                            |
| Network Port            | 1-RJ45, 100Mbps,                                                                                                                                                                                           |
| Power Supply            | 12 VDC $\pm$ 10%,<br>PoE (IEEE 802.3af)                                                                                                                                                                    |
| Power Consumption       | < 8W                                                                                                                                                                                                       |

|                     |                                                                  |
|---------------------|------------------------------------------------------------------|
| Working Environment | -30°C ~ 60°C (-22°F ~ 140°F), Humidity: ≤95% RH (non-condensing) |
| Casing              | Metal                                                            |

## ▪ Dimensions (mm)



## ▪ Accessories



Junction Box GW-FSH-04A,