

- 5MP AI Full-color Warm Light Bullet Network Camera
- GW-UWA57RC85H (HZ)-LED



## ▪ Features

- High quality image with 5MP, 1/2.7"CMOS sensor
- 5MP resolution 2880\*1620@25fps Smart encoding
- H.265, H.264 Smart Encoding
- Smart Intelligent Cross Line, Enter Area, Leave Area, Intrusion, People Flow Counting, Crowd Density Monitoring.
- Extra-ISP technology ensures high image quality in low illumination environment
- 120dB true WDR technology enables clear image in strong light scene
- Support 9:16 Corridor Mode, Rotation 90°, ROI, Watermark
- 2D/3D-DNR, Slow Shutter, light control, White Balance, Defog
- Support Audio abnormal Detection
- Built-in warm lights, max. illumination distance: 40 m.
- 24/7 full-color imaging
- IP67 protection
- 3-Axis
- Built in Mic(optional);
- Micro-sd card slot up to 256GB (optional)
- Junction Box (optional)

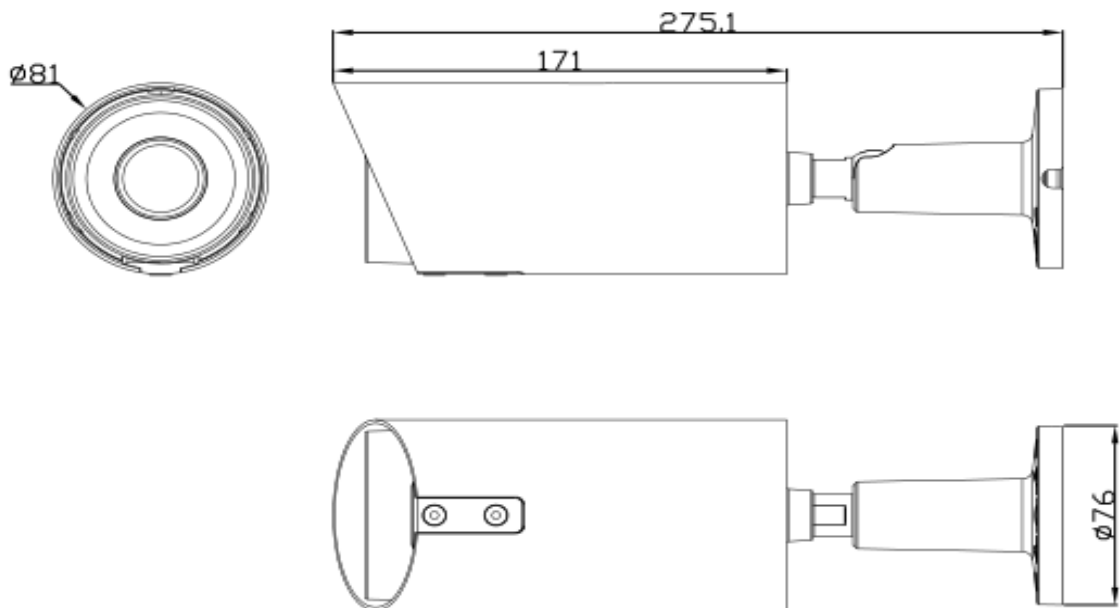
## ▪ Technical Specifications

|                            |                                                                                               |                |                    |                                                                 |          |
|----------------------------|-----------------------------------------------------------------------------------------------|----------------|--------------------|-----------------------------------------------------------------|----------|
| Camera                     | GW-UWA57RC85H-LED                                                                             |                | GW-UWA57RC85HZ-LED |                                                                 |          |
| Image Sensor               | 1/2.7", 5.0-megapixel, progressive scan, CMOS                                                 |                |                    |                                                                 |          |
| Minimum Illumination       | Color: 0.003 lux (F1.6, AGC ON)<br>0 lux with IR on                                           |                |                    |                                                                 |          |
| Day/Night                  | IR-cut filter with auto switch (ICR)                                                          |                |                    |                                                                 |          |
| Smart IR                   | Support                                                                                       |                |                    |                                                                 |          |
| Shutter                    | Auto/Manual, 1 ~ 1/100000s                                                                    |                |                    |                                                                 |          |
| Adjustment angle           | Pan: 0° ~ 360°                                                                                | Tilt: 0° ~ 90° |                    | Rotate: 0° ~ 360°                                               |          |
| S/N                        | >56dB                                                                                         |                |                    |                                                                 |          |
| Illuminator Number         | 4pcs Warm Light                                                                               |                |                    |                                                                 |          |
| Illuminator On/Off Control | Auto; Manual                                                                                  |                |                    |                                                                 |          |
| Illumination Distance      | Up to 40m                                                                                     |                |                    |                                                                 |          |
| Lens                       |                                                                                               |                |                    |                                                                 |          |
| Lens Type                  | Fixed-focal                                                                                   |                |                    | Motorized vari-focal                                            |          |
| Focal length               | 2.8mm @F1.0                                                                                   |                |                    | 2.7-13.5mm                                                      |          |
| Field of View              | Horizontal 103.0° × Vertical 71.0° × Diagonal 132.0°                                          |                |                    | Horizontal: 115°-26°<br>Vertical: 72°-20°<br>Diagonal: 133°-33° |          |
| DORI Distance              | Lens                                                                                          | Detect         | Observe            | Recognize                                                       | Identify |
|                            | 2.8mm                                                                                         | 56m            | 22.4m              | 11.2m                                                           | 5.6m     |
|                            | 2.7mm                                                                                         | 64 m           | 25.6 m             | 12.8 m                                                          | 6.4 m    |
|                            | 13.5mm                                                                                        | 220 m          | 88 m               | 44 m                                                            | 22 m     |
| Smart                      |                                                                                               |                |                    |                                                                 |          |
| Behavior Analysis          | Intrusion, Cross Line, Enter Area, Leave Area, People Flow Counting, Crowd Density Monitoring |                |                    |                                                                 |          |
| Target Detection           | Human Body Detection, Vehicle Detection, Non-motor Vehicle Detection                          |                |                    |                                                                 |          |
| Common Alarm               | Motion Detection, Tampering Alarm, Audio Detection (Alarm Input, Alarm Output optional)       |                |                    |                                                                 |          |
| Video                      |                                                                                               |                |                    |                                                                 |          |

|                        |                                                                                                                                                                  |
|------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Video Standard         | Ultra 265, H.265, H.264, MJPEG                                                                                                                                   |
| Video Resolution       | Main Stream: 25fps@5MP(2880x1620)/4MP(2560x1440),<br>30fps@3MP(2304x1296)/1080P<br>Sub stream: 30fps@720P/D1/640x360/CIF<br>Third stream: 30fps@D1/(640x360)/CIF |
| Video Bitrates         | 128 Kbps~16 Mbps, VBR/CBR                                                                                                                                        |
| Day/Night              | Auto/Color/(B/W)/Timing                                                                                                                                          |
| WDR                    | 2-Exposure Line optical WDR up to 120DB                                                                                                                          |
| White Balance          | Auto/Indoor/Outdoor                                                                                                                                              |
| AGC/BLC/HLC            | Support                                                                                                                                                          |
| DNR                    | 2D/3D DNR                                                                                                                                                        |
| OSD                    | Up to 8 OSDs                                                                                                                                                     |
| Motion Detection       | Up to 4 areas                                                                                                                                                    |
| Privacy Masking        | Up to 4 areas                                                                                                                                                    |
| ROI                    | Up to 8 areas                                                                                                                                                    |
| Motion Detection       | Up to 22 x 18 cells                                                                                                                                              |
| Mirror                 | Yes                                                                                                                                                              |
| Flip                   | Normal/Vertical/Horizontal/180°                                                                                                                                  |
| <b>Audio</b>           |                                                                                                                                                                  |
| Audio Standard         | G.711-u/G.711-a/AAC                                                                                                                                              |
| Built-in Mic           | Optional                                                                                                                                                         |
| <b>Network</b>         |                                                                                                                                                                  |
| Network Port           | RJ-45 (10/100 Base-T).                                                                                                                                           |
| Protocol               | IPv4, IPv6, P2P, ICMP, ARP, TCP, UDP, DHCP, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, PPPoE, SMTP, SSL, TLS.                                      |
| P2P                    | Yes                                                                                                                                                              |
| Compatible Integration | ONVIF 17.12 (Profile S, Profile T), SDK                                                                                                                          |
| Client Software        | Guard Station -- (PC)<br>Guard Viewer -- (Mobile APP)<br>Guard Tool -- (IP tool)                                                                                 |
| 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+, Safari 11+                                                                                        |

|                      |                                              |
|----------------------|----------------------------------------------|
| Media                | CMS, Android, IOS                            |
| Storage              | FTP; NAS, Micro-sd card up to 256G(optional) |
| <b>General</b>       |                                              |
| Network Port         | 1-RJ45, 100Mbps,                             |
| Power Supply         | 12 VDC $\pm$ 10%, PoE(802.3af)               |
| Power Consumption    | < 6W                                         |
| Operating Temp.      | -30°C-(+60)°C, 10%-90%RH                     |
| Protection           | IP67                                         |
| lightning Protection | 4KV                                          |
| Casing Material      | Metal                                        |

## ▪ Dimensions (mm)



- Accessories



Junction Box GW-FSH-04A