

- 4K 8MP Fixed-focal IR Mini Eyeball Network Camera
- GW-HDB93RC88-KP



- Features

- 24/7 color imaging
- 4K resolution 3840 x 2160P
- Ultra low illumination 0.01Lux
- Day/Night, AWB/MWB,BLC, HLC, 2D/3D-DNR,Shutter, IR-CUT
- D-WDR,Mirror, rotate, Defogging
- Multiply Style OSD Overlay,Motion Detection, Privacy Mask
- RTSP and Onvif 17.06 compatible with many third-party NVR
- H.264/H.265 dual-stream media server
- Easy-to-use P2P Cloud service
- Support user authentication, video data encryption
- Support Alarm Snapshot to Email and FTP
- RJ45 100mbps network port, IEEE802.3af PoE
- Lightning protection 4000V
- Strong water-proof housing, IP66
- Fixed lens 2.8/3.6mm
- 18 pcs SMD Array IR Led, IR distance up to 30 meters
- Popular Dome Camera, Easy to install

## ▪ Technical Specifications

| Camera             |                                                                                  |        |         |           |          |
|--------------------|----------------------------------------------------------------------------------|--------|---------|-----------|----------|
| Camera             | GW-HDB93RC88-KP                                                                  |        |         |           |          |
| Image Sensor       | 1/2.8" Sony Low light CMOS sensor                                                |        |         |           |          |
| Effective Pixels   | 3840 x 2160                                                                      |        |         |           |          |
| Electronic Shutter | AUTO, 1/25s ~ 1/100000s                                                          |        |         |           |          |
| Min. Illumination  | 0.01Lux@F1.2(AGC ON), 0Lux IR on                                                 |        |         |           |          |
| IR Led             | 18 pcs SMD Array IR Led                                                          |        |         |           |          |
| IR Distance        | Up to 30m                                                                        |        |         |           |          |
| Focal length       | 2.8 mm:                                                                          |        |         |           |          |
|                    | Horizontal 103.0° × Vertical 71.0° × Diagonal 132.0°                             |        |         |           |          |
|                    | 3.6 mm:                                                                          |        |         |           |          |
|                    | Horizontal 84.0° × Vertical 58.0° × Diagonal 110.0°                              |        |         |           |          |
| DORI Distance      | Lens                                                                             | Detect | Observe | Recognize | Identify |
|                    | 2.8mm                                                                            | 56m    | 22.4m   | 11.2m     | 5.6m     |
|                    | 3.6mm                                                                            | 80m    | 32m     | 16m       | 8m       |
| Video              |                                                                                  |        |         |           |          |
| Video Standard     | H.265/H.264                                                                      |        |         |           |          |
| Video Resolution   | Main Stream:                                                                     |        |         |           |          |
|                    | 20fps@8MP(3840x2160),30fps@6MP(3072x2048)/5MP(2592x1944)/4MP/3MP/1080P/720P etc. |        |         |           |          |
|                    | Sub stream: 720x480/VGA(640x480)/360P/QVGA@30fps,etc.                            |        |         |           |          |
| Video Bitrates     | 512Kbps - 12Mbps, VBR/CBR                                                        |        |         |           |          |
| Day/Night          | Auto/Color/(B/W)/Timing                                                          |        |         |           |          |
| WDR                | Digital WDR                                                                      |        |         |           |          |
| White Balance      | Auto/Indoor/Outdoor                                                              |        |         |           |          |
| AGC/BLC/HLC        | Support                                                                          |        |         |           |          |
| DNR                | 2D/3D DNR                                                                        |        |         |           |          |
| OSD Overlay        | Title and Time overlay                                                           |        |         |           |          |
| Other              | Human Body detection, Motion Detection, Privacy Mask, Mirror, Flip               |        |         |           |          |
| Audio              |                                                                                  |        |         |           |          |

|                   |                                       |
|-------------------|---------------------------------------|
| Audio Standard    | G.711-u/G.711-a                       |
| Mic               | Optional                              |
| <b>Network</b>    |                                       |
| Protocol          | HTTP/RTSP/FTP/SMTP/DHCP/NTP/NFS, etc. |
| P2P               | Yes                                   |
| Web               | IE, Firefox esr, etc.                 |
| Media             | CMS, Android, IOS                     |
| Storage           | FTP; NAS                              |
| ONVIF             | 17.06 compatible                      |
| <b>General</b>    |                                       |
| Network Port      | 1-RJ45, 100Mbps,                      |
| Power Supply      | 12 VDC $\pm$ 10%, PoE(802.3af)        |
| Power Consumption | < 8W                                  |
| Operating Temp.   | -30°C -(+60)°C, 10%-90%RH             |

## ▪ Dimensions (mm)



