# 8MP WDR LightHunter VF Eyeball Network IR Camera

IPC3638SR3-DPZ



## Key Features

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### Optics

* LightHunter
* Day/night functionality
* Optical glass window with higher light transmittance
* IR anti-reflection window to increase the infrared transmittance
* Smart IR, up to 30m (98ft) IR distance
* Up to 120dB Optical WDR (Wide Dynamic Range)
* 2D/3D DNR (Digital Noise Reduction)

### Compression

* Ultra 265, H.265, H.264, MJPEG
* Triple streams
* ROI (Region of Interest)
* 9:16 corridor mode

### Network

* ONVIF Conformance

### Structure

* Support PoE power supply
* Wide temperature range: -40°C ~ 60°C (-40°F ~ 140°F)
* Wide voltage range of ±25%
* IP67
* 3-Axis

## Specifications

|  |  |
| --- | --- |
|  | IPC3638SR3-DPZ |
| Camera |
| Sensor | 1/2", 8.0 megapixel, progressive scan, CMOS |
| Lens | 2.8 ~ 12mm, AF automatic focusing and motorized zoom lens |
| DORI Distance | Lens (mm) | Detect (m) | Observe (m) | Recognize (m) | Identify (m) |
| 2.8 | 63 | 25.2 | 12.6 | 6.3 |
| 12 | 270 | 108 | 54 | 27 |
| Angle of view (H) | 114.8° ~ 47.3° |
| Angle of View (V) | 75.3° ~ 20.4° |
| Angle of View (O) | 141.2° ~ 55.8° |
| Adjustment angle  | Pan: 0° ~ 360° | Tilt: 0° ~ 90° | Rotate: 0° ~ 360° |
| Shutter | Auto/Manual, 1 ~ 1/100000s |
| Minimum Illumination | Colour: 0.001Lux (F1.5, AGC ON) 0Lux with IR |
| Day/Night | IR-cut filter with auto switch (ICR) |
| S/N | >52dB |
| IR Range | Up to 30m (98ft) IR range |
| wavelength | 850nm |
| IR On/Off Control | Auto/Manual |
| Defog | Digital Defog |
| WDR | 120dB |
| Video |
| Video Compression | Ultra 265, H.265, H.264, MJPEG |
| Frame Rate | Main Stream: 8MP (3840\*2160), Max 20fps; 5MP (2592\*1944), Max 30fps; 5MP (2944\*1656), Max 30fps; 4MP (2560\*1440), Max 30fps; 2MP (1920\*1080), Max 60fps;Sub Stream: 2MP (1920\*1080), Max 30fps;Third Stream: D1 (720\*576), Max 30fps |
| Video Bit Rate | 128 Kbps~16 Mbps |
| 9:16 Corridor Mode | Supported |
| OSD | Up to 8 OSDs |
| Privacy Mask | Up to 8 areas |
| ROI | Up to 8 areas |
| Motion Detection | Up to 4 areas |
| Image |
| White Balance | Auto/Outdoor/Fine Tune/Sodium Lamp/Locked/Auto2 |
| Digital noise reduction | 2D/3D DNR |
| Smart IR | Support |
| Flip | Normal/Vertical/Horizontal/180°/90°Clockwise/90°Anti-clockwise |
| Dewarping | Support |
| HLC | Support |
| BLC | Support |
| Audio |
| Audio Compression | G.711 |
| Suppression | Supported |
| Sampling Rate | 8KHZ |
| Storage |
| Edge Storage | Micro SD, up to 256GB |
| Network Storage | ANR, NAS(NFS) |
| Network |
| Protocols | IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, 802.1x, SNMP, QoS |
| Compatible Integration | ONVIF (Profile S, Profile G, Profile T), API |
| Client | EZStation EZViewEZLive |
| Web Browser | Plug-in required live view: IE9+, Chrome 41 and below, Firefox 52 and below |
| Plug-in free live view: Chorme 57.0+, Firefox 58.0+, Edge 16+, Safari 11+ |
| Interface |
| Built-in Mic | Supported |
| Network | 1 RJ45 10M/100M Base-TX Ethernet |
| Certifications |
| Certifications | CE: EN 60950-1UL: UL60950-1FCC: FCC Part 15 |
| General |
| Power | DC 12V±25%, PoE (IEEE 802.3af) |
| Power consumption: Max 8.16W |
| Dimensions (Ø x H) | Φ129 x 110mm (Ø5.08” x 4.3”) |
| Net Weight | 0.82kg (1.8lb) |
| Material | Metal |
| Working Environment | -40°C ~ 60°C (-40°F ~ 140°F), Humidity: ≤95% RH (non-condensing) |
| Strorage Environment | -40°C ~ 60°C (-40°F ~ 140°F), Humidity: ≤95% RH (non-condensing) |
| surge protection | 6KV |
| Reset Button | Supported |
| Ingress Protection | IP67 |

## Dimensions



### Accessories

|  |  |  |  |
| --- | --- | --- | --- |
| TR-JB03-H-IN | TR-JB07/WM03-F-IN | TR-WM03-B-IN | TR-A01-IN |
|  | **2** | D:\外设上网\支架\TR-WM03-B-IN\TR-WM03-B-IN.png |  |
| TR-UP06-IN | TR-SE24-IN | TR-SE24-A-IN | TR-CM24-IN |
|  | untitled.882 | untitled.884 | **untitled.880** |

|  |  |
| --- | --- |
| Junction box | Pole mount |
| TR-JB03-H-IN+TR-A01-IN | TR-JB07/WM03-F-IN (TR-WM03-B-IN)+TR-UP06-IN |
|  |  |
| Indoor pendent mount |  |
| TR-JB04-D-IN+TR-A01-IN+ TR-SE24-IN(TR-SE24-A-IN)+ TR-CM24-IN |  |
|  |  |

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\*Product specifications and availability are subject to change without notice.