

PWIPN8EBVAF

EYEBALL CAMERA

8MP H.265 IP IR Eyeball Camera with 2.8–12mm Auto Focus Lens



ONVIF®



Key Features

- H.265+/H.265/H.264+/H.264 coding
- Maximum resolution: 8MP (3840 × 2160)
- ICR auto switch, true day / night vision
- 3D DNR, true WDR, HLC, BLC, smart IR and ROI coding
- Lens distortion correction supported
- Motorised lens
- 30~50m IR night view distance
- 1CH audio input, 1CH built-in MIC
- Built-in micro SD card slot, up to 256GB
- DC12V/PoE power supply
- Supports three streams
- IP67 ingress protection
- Intelligent analytics
- Supports mobile surveillance by smart phones with iOS and Android OS
- NDAA compliant

The Genie **PWIPN8EBVAF** is an 8MP IP IR eyeball camera with a 2.8–12mm auto focus lens. The camera also features up to 50m IR night view distance as well as being IP67.



genie

Specification

Camera

| | |
|-----------------------------|---|
| Image Sensor | 1 / 2.8" CMOS |
| Image Size | 3840 × 2160 |
| Electronic Shutter | 1 / 25 s ~ 1 / 100000 s |
| Iris Type | Fixed Iris |
| Minimum Illumination | 0.05 Lux @ F1.4, AGC ON, 0 Lux with IR 0.032 Lux @ F1.2, AGC ON, 0 Lux with IR |
| Lens | 2.8~12mm @ F1.4, motorised |
| Lens Mount | Ø14 |
| Field of View | Horizontal: 104.7°~32.5° Vertical: 72.2°~18.6° Diagonal: 112.2°~37° |
| Day & Night | ICR |
| Wide Dynamic Range | 120dB |
| BLC | Yes |
| HLC | Yes |
| Defog | Yes |
| Digital NR | 3D DNR |
| Angle Adjustment | Pan: 0°~360°, Tilt:0°~80°, Rotation: 0°~360° |

Functions

| | |
|------------------------------|---|
| Remote Monitoring | Web browsing, CMS remote control |
| Online Connection | Supports simultaneous monitoring for up to 10 users. Supports multi-stream real time transmission |
| Network Protocol | UDP, IPv4, IPv6, DHCP, NTP, RTSP, RTP, RTCP, ICMP, IGMP, PPPoE, DDNS, SMTP, FTP, SNMP,HTTP, 802.1x, UPnP, HTTPs, QoS |
| Interface Protocol | Onvif compatible |
| Intelligent Analytics | Scene change, Video blur detection, Video colour cast detection, Line crossing detection, Intrusion detection |
| Storage | Network remote storage, Micro SD card storage |
| Smart Alarm | Motion detection, SD card error, SD card full |
| General Function | Watermark, IP address filtering, video mask, heartbeat, password protection, image distortion correction, etc. |
| PoE | Yes, IEEE802.3 af |
| IR Distance | 30 ~ 50 m |

Image

| | |
|-----------------------------------|--|
| Video Compression | H.265+, H.265, H.264+, H.264 |
| H.264 Compression Standard | Baseline Profile, Main Profile, High Profile |
| Resolution | 8MP (3840 × 2160), 6MP (3072 × 2048), 5MP (2592 × 1944), 4MP (2560 × 1440), 1080P (1920 × 1080), 720P (1280 × 720), D1, CIF, 480 × 240 |
| Main Stream | 60Hz : 8MP, 6MP (1~20fps), 5MP, 4MP, 1080p (1~30fps) 50Hz : 8MP, 6MP (1~20fps), 5MP, 4MP, 1080p (1~25fps) |
| Sub Stream | 720p, D1, CIF, 480 × 240 (60Hz: 1~30fps, 50Hz: 1~25fps) |
| Bit Rate | 64 Kbps ~ 6 Mbps |
| Bit Rate Type | VBR / CBR |
| Audio Compression | G711A / U |
| Image Settings | ROI, Saturation, Brightness, Chroma, Contrast, Wide Dynamic, Sharpen, NR, etc. Adjustable through client software or web browser |
| ROI | 3 ROI, each ROI to be configured separately |

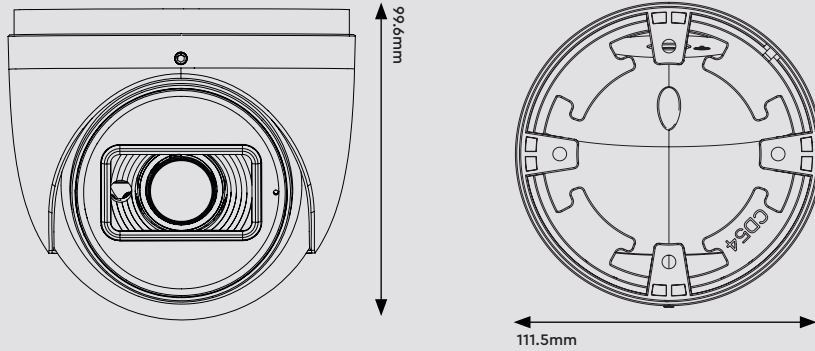
Interface

| | |
|-----------------------|---|
| Network | RJ45 |
| Video Output | No |
| Audio | 1CH built-in MIC, 1CH audio input |
| Storage | Built-in Micro SD card slot, Up to 256GB |
| Hardware Reset | Yes |

Others

| | |
|------------------------------|---|
| Ingress Protection | IP67 |
| Power Supply | DC12V / PoE |
| Power Consumption | < 10W |
| Operating Environment | - 30 °C ~ 60°C (-22°F~140°F) Humidity: Less than 95% (Non-condensing) |
| Dimensions | 111.5 × 99.6 mm |
| Weight | Approximately 0.64Kg |

Dimensions



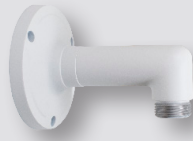
Accessories



WJBBVWP
Water Resistant Junction
Box - White



WJBEBV
Junction Box for Varifocal
and Auto Focus Eyeball
Cameras - White



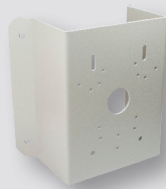
WIPSWM
Surface Mount Wall
Bracket (Junction Box NOT
included) - White



WBEBVW
Wall Bracket for Eyeball
Cameras - White



WIPMPPM
Multi Purpose Pole Mount
Bracket - White



WIPMPCM
Multi Purpose Corner
Mount Bracket - White