

WIPX8NEBVAF

# EYEBALL CAMERA

8MP IP IR Eyeball Camera with 2.8–12mm Auto Focus Lens and Facial Recognition



ONVIF®



## Key Features

- Smart H.265/H.264 coding
- Maximum resolution: 8MP (3840 × 2160)
- ICR auto switch, true day / night vision
- 3D DNR, true WDR, HLC, BLC and ROI coding
- 30~50m IR night view distance, motorised zoom lens
- 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
- NDA compliant

The Genie WIPX8NEBVAF is an 8MP IP IR eyeball camera with a 2.8–12mm auto focus lens. The camera features intelligent analytics as well as facial recognition when paired with any Genie AI NVR.



genie

# Specification

## Camera

<b>Image Sensor</b>	1 / 2.8" CMOS
<b>Image Size</b>	3840 × 2160
<b>Electronic Shutter</b>	1 / 25 s ~ 1 / 100000 s
<b>Iris Type</b>	DC Iris
<b>Minimum Illumination</b>	0.01 Lux @ F1.2, AGC ON, 0 Lux with IR 0.015 Lux @ F1.4, AGC ON, 0 Lux with IR
<b>Lens</b>	2.8~12mm @ F1.4, motorised
<b>Lens Mount</b>	Ø14
<b>Field of View</b>	Horizontal: 96°~32°, Vertical: 64°~18.4°, Diagonal: 103.8°~36.5°
<b>Day &amp; Night</b>	ICR
<b>Wide Dynamic Range</b>	120dB
<b>BLC</b>	Yes
<b>HLC</b>	Yes
<b>Defog</b>	Yes
<b>Digital NR</b>	3D DNR
<b>Angle Adjustment</b>	Pan: 0°~360°, Tilt: 0°~80°, Rotation: 0°~360°

## Functions

<b>Remote Monitoring</b>	Web browsing, CMS remote control
<b>Online Connection</b>	Supports simultaneous monitoring for up to 10 users. Supports multi-stream real time transmission
<b>Network Protocol</b>	UDP, IPv4, IPv6, DHCP, NTP, RTSP, PPPoE, DDNS, SMTP, FTP, SNMP, 802.1x, UPnP, HTTPS, QoS
<b>Interface Protocol</b>	Onvif compatible
<b>Intelligent Analytics</b>	Line crossing Region entrance / exiting / intrusion (human / motor vehicle / non-motor vehicle classification) Line crossing human / motor vehicle / non-motor vehicle counting scene change Video blur and video colour cast detection Face recognition and face capture
<b>Storage</b>	Network remote storage, Micro SD card storage
<b>Smart Alarm</b>	Motion detection, SD card error, SD card full
<b>General Function</b>	Watermark, IP address filtering, video mask, heartbeat, password protection, image distortion correction, etc.
<b>PoE</b>	Yes (IEEE802.3af)
<b>IR Distance</b>	30 ~ 50 m

## Image

<b>Video Compression</b>	Smart H.265, H.265+, H.265, Smart H.264, H.264+, H.264, MJPEG
<b>H.265 Compression Standard</b>	Baseline Profile, Main Profile, High Profile
<b>Resolution</b>	8MP (3840 × 2160), 6MP (3072 × 2048), 5MP (2592 × 1944), 4MP (2592 × 1520), 2K (2560 × 440), 3MP (2304 × 1296), 1080p (1920 × 1080), 720p (1280 × 720), D1, CIF, 480 × 240
<b>Main Stream</b>	60Hz : 8MP, 6MP (1~20fps), 5MP, 4MP, 2K, 3MP, 1080p, 720p (1~30fps) 50Hz : 8MP, 6MP (1~20fps), 5MP, 4MP, 2K, 3MP, 1080p, 720p (1~25fps) HFR Mode: 1080p, 720p (60Hz: 1~60fps, 50Hz: 1~50fps)
<b>Sub Stream</b>	720p, D1, CIF, 480 × 240 (60Hz: 1~30fps, 50Hz: 1~25fps)
<b>Third Stream</b>	D1, CIF, 480 × 240 (60Hz: 1~30fps, 50Hz: 1~25fps)
<b>Bit Rate</b>	64 Kbps ~ 12 Mbps
<b>Bit Rate Type</b>	VBR / CBR
<b>Audio Compression</b>	G711A / U
<b>Image Settings</b>	ROI, Saturation, Brightness, Chroma, Contrast, Wide Dynamic, Sharpen, NR, etc. Adjustable through client software or web browser.
<b>ROI</b>	Each ROI to be configured separately.

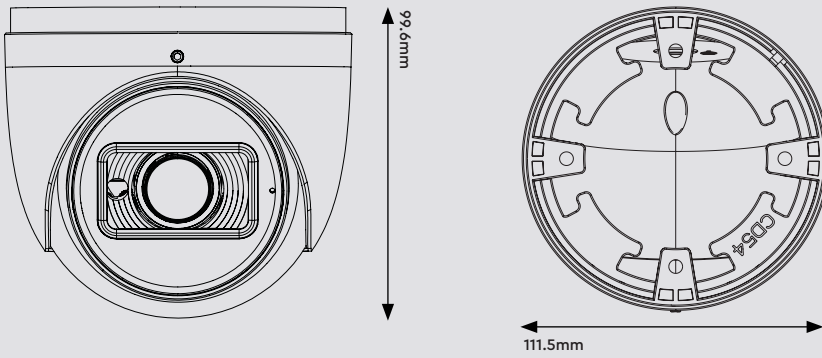
## Interface

<b>Network</b>	RJ45
<b>Video Output</b>	No
<b>Audio</b>	1CH audio input, 1CH built-in MIC
<b>Storage</b>	Built-in micro SD card slot, up to 128GB
<b>Hardware Reset</b>	Yes

## Others

<b>Ingress Protection</b>	IP67
<b>Power Supply</b>	DC12V / PoE
<b>Power Consumption</b>	< 9.5W
<b>Operating Environment</b>	- 30 °C ~ 60°C (-22°F~140°F) Humidity: Less than 95% (Non-condensing)
<b>Dimensions</b>	111.5 × 99.6 mm
<b>Weight</b>	Approximately 0.67Kg

## Dimensions



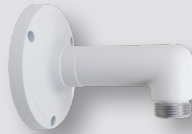
## Accessories



**WJBBVWP**  
Water Resistant Junction  
Box - White



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



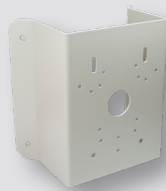
**WIPSWM**  
Surface Mount Wall  
Bracket (Junction Box NOT  
included) - White



**WBEBVW**  
Wall Bracket for Eyeball  
Cameras - White



**WIPPPP**  
Multi Purpose Pole Mount  
Bracket - White



**WIPPCM**  
Multi Purpose Corner  
Mount Bracket - White