

WIPX4NEB

# EYEBALL CAMERA

4MP H.265 IP IR Eyeball Camera



ONVIF®



## Key Features

- H.265+/H.265/H.264+/H.264/MJPEG coding
- Maximum resolution: 2592 × 1520
- ICR auto switch, true day / night vision
- 20 ~ 30m IR night view distance
- 3D DNR, true WDR, HLC, BLC, Defog, Smart IR and ROI coding
- Supports image distortion correction
- Built-in micro SD card slot, up to 256GB
- DC12V / PoE power supply
- IP67 ingress protection
- Supports three streams
- Intelligent analytics
- Supports remote monitoring by smart phones and tablet PCs with iOS and Android OS
- NDA A compliant

The Genie **WIPX4NEB** is a 4MP IP IR eyeball camera with a 2.8mm lens. The camera also features up to 30m IR night view distance as well as being IP67 rated.



genie

# Specification

## Camera

<b>Image Sensor</b>	1 / 3" CMOS
<b>Image Size</b>	2592 × 1520
<b>Electronic Shutter</b>	1 / 3s ~ 1 / 100000 s
<b>Iris Type</b>	Fixed Iris
<b>Minimum Illumination</b>	0.005 Lux @ F1.6, AGC ON: 0 Lux with IR
<b>Lens</b>	2.8 mm @ F1.6, Horizontal FoV: 95.3°, Vertical FoV: 53.2°, Diagonal FoV: 115.0°
<b>Focus</b>	Fixed
<b>Lens Mount</b>	M12
<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°~75°, Rotation: 0°~360°

## Functions

<b>Remote Monitoring</b>	Web Browser / NVMS2.0 / NVR / Mobile APP
<b>Web Browser</b>	IE (plug-in required) / Google Chrome / Edge / Firefox / Safari
<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, RTP, RTMP, RTCP, PPPoE, DDNS, SMTP, FTP, SNMP, HTTP, HTTP POST, 802.1x, UPnP, HTTPs, QoS
<b>Interface Protocol</b>	ONVIF
<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, illegal login lock, image distortion correction, corridor pattern
<b>PoE</b>	Yes, IEEE802.3af
<b>IR Distance</b>	20 ~ 30 m
<b>Ingress Protection</b>	IP67

## Intelligent Analytics

<b>Perimeter Protection</b>	Line crossing, region entrance / exiting / intrusion (human / motor vehicle / non-motor vehicle classification)
<b>Statistics</b>	Target counting by line/area, heat map
<b>Exception Detection</b>	Scene change, video blur and video cast detection
<b>Face Detection</b>	Face detection and face capture
<b>Other Events</b>	Abandoned /missing object detection

## DORI Distance

Lens	Detect	Observe	Recognise	Identify
<b>2.8mm</b>	60.69m(199.11ft)	24.28m(79.65ft)	12.14m(39.82ft)	6.07m(19.91ft)
<b>3.6mm</b>	75.24m(246.82ft)	30.10m(98.75ft)	15.05m(49.37ft)	7.52m(24.67ft)

## Image

<b>Video Compression</b>	Main stream: H.265+ / H.265 / H.264+ / H.264 Sub stream: H.265+ / H.265 / H.264+ / H.264 / MJPEG Third stream: H.265+ / H.265 / H.264+ / H.264 / MJPEG
<b>H.264 Compression Standard</b>	Baseline Profile / Main Profile / High Profile
<b>Resolution</b>	4MP (2592 × 1520), 2K (2560 × 1440), 3MP (2304 × 1296), 1080p (1920 × 1080), 720p (1280 × 720), D1, CIF, 480 × 240
<b>Main Stream</b>	4MP/2K/3MP/1080p / 720p (60Hz : 1 ~ 30fps, 50Hz: 1~25fps) HFR mode: 1080p / 720p (60Hz : 1 ~ 60fps, 50Hz: 1~50fps)
<b>Sub Stream</b>	720P/D1/CIF (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 ~ 8 Mbps
<b>Bit Rate Type</b>	VBR / CBR
<b>Audio Compression</b>	G711A / U

## Interface

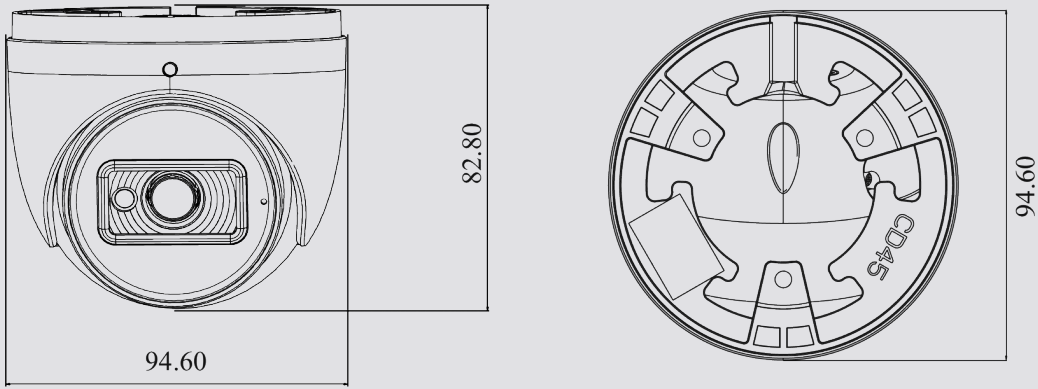
<b>Network</b>	RJ45
<b>Audio</b>	1CH Audio Input, 1Ch built-in mic
<b>Video Output</b>	No
<b>Storage</b>	Built-in micro SD card slot; up to 256GB
<b>Hardware Reset</b>	Yes
<b>Alarm</b>	No

## Others

<b>Power Supply</b>	DC12V/PoE
<b>Power Consumption</b>	< 6.5W
<b>Storage Conditions</b>	- 30 C ~ 65 C (-22 F~149 F), Humidity: less than 95 % (non-condensing)
<b>Operating Conditions</b>	- 30 C ~ 60 C (-22 F~140 F), Humidity: less than 95 % (non-condensing)
<b>Dimensions (mm)</b>	Φ 94.6 × 82.8
<b>Weight (net)</b>	Approximately 0.46KG
<b>Installation</b>	Ceiling mounting; Wall mounting
<b>Certificate</b>	CE, FCC
<b>Environmental Protection</b>	Directive EU RoHS, WEEE(2012/19/EU), directive 94/62/EC and REACH(EC1907/2006)

## Dimensions

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## Accessories

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### WJBSBWP

Water Resistant Junction Box for Varifocal Bullet Cameras and Fixed Eyeballs - White



### WBEBV

Wall Bracket for Eyeball Cameras - White