

WIPX8NMEBVAF

NETWORK EYEBALL CAMERA

8MP H.265 IP IR Eyeball Camera with 2.8–12mm Auto Focus Lens, Video Metadata and Facial Recognition



Key Features

- H.265+/H.265/H.264+/H.264/MJPEG coding
- Maximum resolution: 8MP (3840 × 2160)
- ICR auto switch, true day / night vision
- 30 ~ 50m IR night view distance
- Motorised zoom lens
- Supports electronic image stabilisation
- 3D DNR, true WDR, HLC, BLC and ROI coding
- 1CH audio input and 1CH built-in MIC
- Built-in micro SD card slot, up to 256GB
- DC12V/PoE power supply
- IP67 ingress protection
- Supports three streams
- Supports remote monitoring by smart phones with iOS and Android OS
- Supports SMD
- Supports P2P function
- Intelligent analytics
- Dual-system backup

The Genie **WIPX8NMEBVAF** is a 8MP IP IR Eyeball camera with a 2.8- 12mm auto focus lens. The camera features video metadata and facial recognition when paired with any Genie AI NVR.



Specification

Camera

Image Sensor	1 / 2.8" CMOS
Image Size	3840 × 2160
Electronic Shutter	1 / 3s ~ 1 / 100000 s
Iris Type	DC Iris
Minimum Illumination	0.015 lux@F1.4,AGC ON;0 lux with IR
Lens	2.8~12mm@F1.4, motorised
Lens Mount	Ø14
Field of View	Horizontal: 102°~32°; Vertical: 54°~17°; Diagonal: 120°~37°
Day & Night	ICR
Wide Dynamic Range	120dB
BLC	Yes
HLC	Yes
Defog	Yes
S/N Ratio	≥50dB
EIS	Yes
Digital NR	3D DNR
Angle Adjustment	Pan: 0°~360°; Tilt:0°~80°; Rotation: 0°~360°

Image

Video Compression	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
H.265 Compression Standard	Baseline Profile, Main Profile, High Profile
Resolution	8MP (3840 × 2160), 6MP (3072 × 2048), 5MP (2592 × 1944), 4MP (2592 × 1520), 2K (2560 × 1440), 3MP (2304 × 1296), 1080P (1920 × 1080), 720P (1280 × 720), D1, CIF, 480 × 240, VGA (640 × 480)
Main Stream	8MP, 6MP, 5MP, 4MP, 2K, 3MP, 1080p, 720p (60Hz: 1 ~ 30fps, 50Hz: 1 ~ 25fps)
Sub Stream	720p, D1, CIF, VGA, 480 × 240 (60Hz: 1~30fps, 50Hz: 1~25fps)
Third Stream	720p, D1, CIF, 480 × 240 (60Hz: 1 ~ 30fps, 50Hz: 1 ~ 25fps)
Bit Rate	64 Kbps ~ 12 Mbps
Bit Rate Type	VBR / CBR
Audio Compression	G711A / U
Image Settings	ROI, Saturation, Brightness, Hue, Contrast, Wide Dynamic, Sharpness, Image Mirror, Image Flip, NR, etc. adjustable through client software or web browser
ROI	Each ROI to be configured separately.

Functions

Remote Monitoring	Web Browser, NVMS2.0, NVR, mobile APP
Web Browser	Chrome 89.0+ / Edge 89.0+ / Firefox 87.0+ / Safari 14.0+
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, RTMP, RTCP, PPPoE, DDNS, SMTP, FTP, SNMP, HTTP, HTTP POST, 802.1x, UPnP, HTTPs, P2P, QoS
Interface Protocol	Onvif compatible
General Function	Watermark, video mask, heartbeat, image distortion correction, corridor pattern, ANR, cloud upgrade
Storage	Network remote storage; micro SD card storage
Smart Alarm	Motion detection, SMD, SD card error, SD card full, IP address conflict, Network disconnection, sensor alarm, audio alarm
General Function	Watermark, IP address filtering, video mask, heartbeat, password protection
Security	Video encryption, firmware encryption, HTTPS encryption, configuration encryption, illegal login lock, IP address filtering, 802.1x authentication, basic and digest authentication for HTTP/RTSP
PoE	Yes , IEEE802.3af
IR Distance	30 ~ 50 m
Ingress Protection	IP67

Intelligent Analytics

Smart Event	Line crossing, region intrusion / entrance / exiting, loitering detection, illegal parking detection, abandoned / missing object detection
Statistics	Target counting by line/area, heat map
Exception Detection	Scene change, video blur and abnormal color detection, audio exception
Face Detection	Face detection and face capture
Video Metadata	Simultaneously captures human body, motor vehicle and non-motor vehicle and extracts 13 human features, 4 motor vehicle features and 1 non-motor vehicle feature

Others

Power Supply	DC12V/PoE
Power Consumption	PoE: max. 9.7W; DC12V: max. 7.4W
Storage Conditions	- 30 °C ~ 65°C (-22°F ~ 149°F), Humidity: less than 95% (non-condensing)
Operating Environment	- 30 °C ~ 60°C (-22°F ~ 140°F) Humidity: Less than 95% (non-condensing)
Dimensions	Φ 111.6 × 99.6
Weight	Approx. 0.67KG
Installation	Ceiling mounting; Wall mounting
Certificate	CE, FCC
Environmental Protection	Directive EU RoHS, WEEE(2012/19/EU) , directive 94/62/EC and REACH(EC1907/2006)

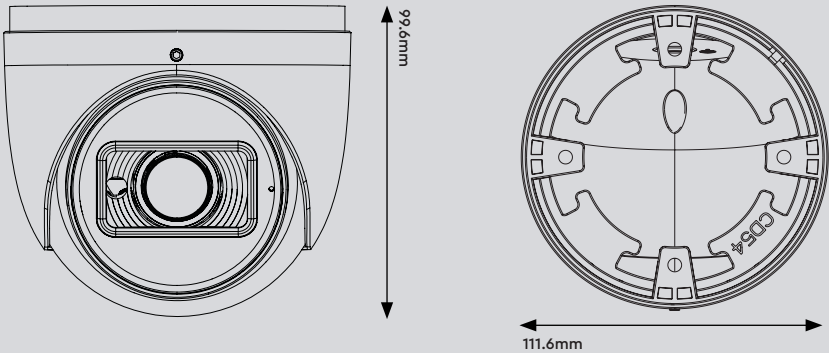
DORI Distance

Lens	Detect	Observe	Recognise	Identify
2.8mm ~ 12mm (W)	85m(278ft)	34m(111ft)	17m(56ft)	8m(26ft)
2.8mm ~ 12mm (T)	289m(948ft)	116m(380ft)	58m(190ft)	29m(95ft)

Interface

Network	RJ 45 10M/100M self-adaptive Ethernet port
Video Output	No
Audio	1CH audio input; 1CH built-in MIC
Alarm	No
Storage	Built-in micro SD card slot; up to 256GB
Reset	Yes

Dimensions



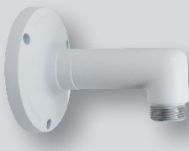
Accessories



WJBBVWP
Water Resistant Junction Box – White



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



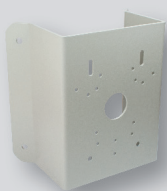
WIPSWM
Surface Mount Wall Bracket (Junction Box NOT included) – White



WBEBVW
Wall Bracket for Eyeball Cameras – White



WIPMPPM
Multi Purpose Pole Mount Bracket – White



WIPMPCM
Multi Purpose Corner Mount Bracket – White