

WIPX4NMEB

EYEBALL CAMERA

4MP H.265 IP IR Eyeball Camera



ONVIF®



Key Features

- H.265+/H.265/H.264+/H.264/MJPEG coding
- Maximum resolution: 2688 × 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
- Support P2P function
- NDAA compliant

The Genie **WIPX4NMEB** 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

Image Sensor	1 / 3" CMOS
Image Size	2688 × 1520
Electronic Shutter	1 / 3s ~ 1 / 100000 s
Iris Type	Fixed Iris
Minimum Illumination	0.005 Lux @ F1.6, AGC ON: 0 Lux with IR
Lens	2.8 mm @ F1.6, Horizontal FoV: 95.3°, Vertical FoV: 53.2°, Diagonal FoV: 115.0° 3.6 mm@F1.6, Horizontal FoV: 78.8°; vertical FoV: 42.3°; diagonal FoV:100.2°
Focus	Fixed
Lens Mount	M12
Day & Night	ICR
Wide Dynamic Range	120dB
BLC	Yes
HLC	Yes
Defog	Yes
S/N Ratio	≥50dB
Digital NR	3D DNR
Angle Adjustment	Pan: 0°~360°, Tilt: 0°~75°, Rotation: 0°~360°

Functions

Remote Monitoring	Web Browser / NVMS2.0 / NVR / Mobile APP
Web Browser	IE (plug-in required) / Google Chrome / Edge / Firefox / Safari
Online Connection	Support simultaneous monitoring for up to 8 users; support 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
Storage	Network remote storage, micro SD card storage
Smart Alarm	Motion detection, SMD, SD card error, SD card full, IP address conflict, network disconnection, audio alarm
General Function	Watermark, video mask, heartbeat, image distortion correction, corridor pattern, ANR, cloud upgrade
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	20 ~ 30 m
Ingress Protection	IP67

DORI Distance

Lens	Detect	Observe	Recognise	Identify
2.8mm	60m(199ft)	24m(79ft)	12m(39ft)	6m(19ft)
3.6mm	75m(246ft)	30m(98ft)	15m(49ft)	7m(24ft)

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.264 Compression Standard	Baseline Profile / Main Profile / High Profile
Resolution	4MP (2688 × 1520), 2592 × 1520, 2K (2560 × 1440), 3MP (2304 × 1296), 1080P (1920 × 1080), 720P (1280 × 720), D1, VGA (640 × 480), 640 × 360, CIF, 480 × 240
Main Stream	4MP / 2592 × 1520 / 2K / 3MP / 1080P (60Hz : 1 ~ 30fps; 50Hz: 1~25fps)
Sub Stream	720P / D1 / VGA / 640 × 360 / 480 × 240 / CIF (60Hz : 1 ~ 30fps; 50Hz: 1~25fps)
Third Stream	720P / D1 / CIF / 480 × 240 (60Hz : 1 ~ 30fps; 50Hz: 1~25fps)
Bit Rate	64 Kbps ~ 8 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

Interface

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

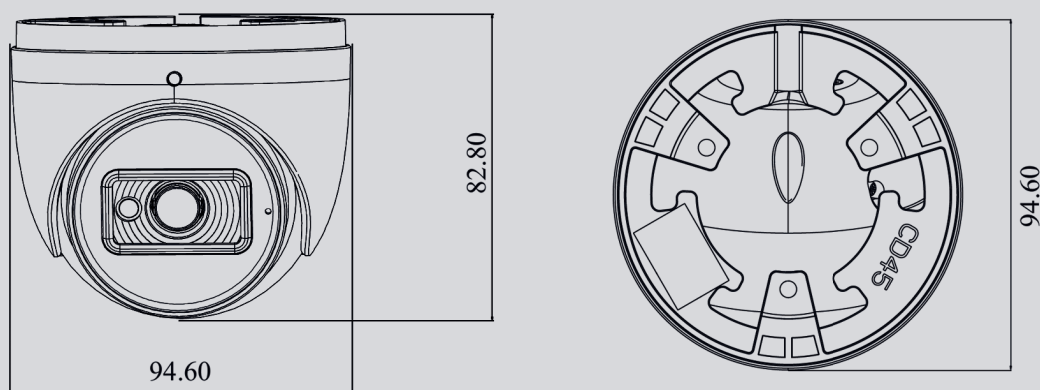
Intelligent Analytics

Smart Event	Line crossing, region intrusion/entrance/exiting (human/vehicle classification) loitering detection, illegal parking detection, abandoned/ missing object detection
Statistics	Target counting by line/area, heat map
Exception Detection	Scene change, video blur and video cast detection
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

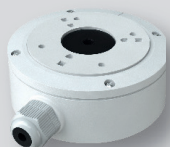
Others

Power Supply	DC12V/PoE
Power Consumption	< 7W
Storage Conditions	- 30 °C ~ 65°C (-22°F~149°F), Humidity: less than 95 % (non-condensing)
Operating Conditions	- 30 °C ~ 60 °C (-22°F~140°F), Humidity: less than 95 % (non-condensing)
Dimensions (mm)	Φ 94.6 × 82.8
Weight (net)	Approximately 0.46KG
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)

Dimensions



Accessories



WJBSBWP

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



WBEBV

Wall Bracket for Eyeball Cameras – White