WIPX4NMBVAF

# NETWORK IR BULLET CAMERA

4MP H.265 IP IR Bullet 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: 2688 × 1520
- ICR auto switch, true day / night vision
- 50~70m IR night view distance; motorised zoom lens
- 3D DNR, HWDR, HLC, BLC, Defog, Smart IR and ROI coding Support
- Image distortion correction
- Built-in micro SD card slot; up to 256GB
- DC12V/PoE power supply
- IP 67 ingress protection
- Support three streams
- Support remote monitoring by smart phones & tablet PCs with iOS and Android OS
- Support SMD
- Support NAT function
- Multiple smart events can be enabled at the same time
- Dual-system backup

The Genie **WIPX4NMBVAF** is a 4MP IP IR bullet 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 / 3" CMOS |
| **Image Size** | 2688 × 1520 |
| **Electronic Shutter** | 1 / 3s ~ 1 / 100000 s |
| **Iris Type** | DC Iris |
| **Minimum Illumination** | 0.005 lux@F1.6, AGC ON; 0 lux with IR |
| **Lens** | 2.8~12mm@F1.3,<br>H.FoV: 100.0°~28.9°;<br>V.Fov: 54.5°~16.7°;<br>D.FoV: 118°~35° |
| **Focus** | Motorised |
| **Lens Mount** | Φ14 |
| **Angle Adjustment** | Pan: 0°~360°; Tilt:0°~90°; Rotation: 0°~360° |
| **Day & Night** | ICR |
| **Wide Dynamic Range** | 120dB |
| **BLC** | Yes |
| **HLC** | Yes |
| **Defog** | Yes |
| **S/N Ratio** | ≥50dB |
| **Digital NR** | 3D DNR |

## Image

| | |
|---|---|
| **Video Compression** | Main stream: H.265+ / H.265 / H.264+ / H.264<br>Sub/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** | 1080P (60Hz:1~15fps; 50Hz:1~12fps)/ 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 |

## Functions

| | |
|---|---|
| **Remote Monitoring** | Web browsing, NVMS, NVR, Mobile App |
| **Web Browser** | Chrome 105.0+/Edge 105.0+/Firefox 121.0+/Safari 14.0+ |
| **Online Connection** | Support simultaneous monitoring for up to 8 users;<br>Support multi-stream real time transmission |
| **Network Protocol** | UDP, IPv4, IPv6, DHCP, NTP, RTSP, RTP, RTMP, RTCP, PPPoE, DDNS, SMTP, FTP, SNMP,HTTP, 802.1x, UPnP, HTTPS, NAT, QoS |
| **Interface Protocol** | Onvif compliant |
| **API & SDK** | Yes |
| **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, video mask, heartbeat, image distortion correction, corridor pattern, disarming, 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/API |
| **PoE** | Yes , IEEE802.3af |
| **IR Distance** | 50 ~ 70 m |
| **Ingress Protection** | IP67 |

## Interface

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|---|---|
| **Network** | RJ 45 (10/100 Base-T) |
| **Video Output** | CVBS output (BNC×1) |
| **Audio** | 1CH audio input; 1CH audio output; 1CH built-in MIC |
| **Alarm** | 1CH alarm input; 1CH alarm output |
| **Storage** | Built-in micro SD card slot; up to 256GB |
| **Hardware Reset** | Yes |

### DORI Distance

| Lens | Detect | Observe | Recognise | Identify |
|---|---|---|---|---|
| **2.8~12mm(W)** | 58m(193ft) | 23m(77ft) | 11m(38ft) | 5m(19ft) |
| **2.8~12mm(T)** | 205m(675ft) | 82m(270ft) | 41m(135ft) | 20m(67ft) |

Bioaccess Sales Ltd. reserves the right to change specifications without notice. Please contact your representative to confirm current specifications.

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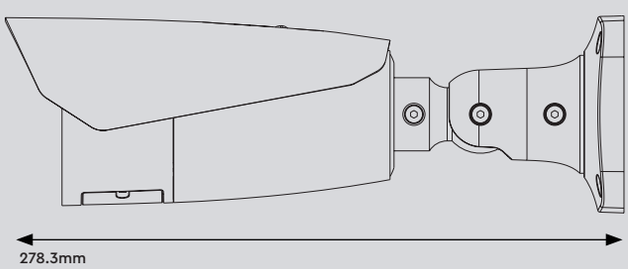
## Intelligent Analytics

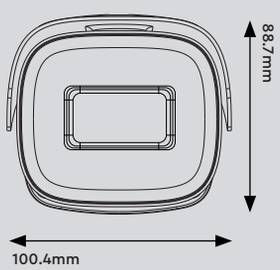
| | |
|---|---|
| **Intelligent Video Detection (IVD)** | Line crossing, region intrusion/ entrance/exiting (human/vehicle classification) loitering detection, illegal parking detection, abandoned/ missing object detection |
| **Statistics** | Target counting by line/area, heat map |
| **Exception Detection** | Scene change, video blur and video cast detection, 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** | DC12V: < 9.3W ; PoE: < 10.5W |
| **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 (mm)** | 278.3 × 100.4 × 88.9 |
| **Weight** | Approx. 1.04 Kg |
| **Material** | Aluminium alloy body |
| **Installation** | Ceiling mounting, wall mounting |
| **Certificate** | CE, FCC |
| **Compliance** | NDAA, PSTI |
| **Environmental Protection** | Directive EU RoHS, WEEE(2012/19/EU), and REACH(EC1907/2006) |

## Dimensions

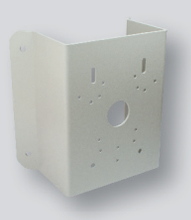



## Accessories

**WJBBVWP**
Water Resistant Junction Box – White

**WIPMPPM**
Multi Purpose Pole Mount Bracket – White



**WIPMPCM**
Multi Purpose Corner Mount Bracket – White

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