

WIPX8NBVAF

# BULLET CAMERA

8MP H.265 IP IR Bullet Camera with 2.8–12mm Auto-Focus Lens and Facial Recognition



## Key Features

- NDA Compliant
- Smart H.265+ / H.265 / H.264+ / H.264 / MJPEG coding
- Maximum resolution: 8MP (3840 × 2160)
- ICR auto switch, true day / night vision
- 3D DNR, true WDR, HLC, BLC and ROI coding
- 50~70m IR night view distance, motorised zoom lens
- 1CH audio input, 1CH audio output, 1CH CVBS video output
- 1CH alarm input, 1CH alarm output
- Built-in micro SD card slot, up to 256GB
- DC12V/PoE power supply
- Supports three streams
- IP67 ingress protection
- Supports mobile surveillance by smart phones with iOS and Android OS
- Intelligent analytics

The Genie WIPX8NBVAF is an 8MP IP IR bullet 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.



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# Specification

## Camera

<b>Image Sensor</b>	1 / 2.8" CMOS
<b>Image Size</b>	3840 × 2160
<b>Electronic Shutter</b>	1 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 zoom lens
<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°~90°, Rotation: 0°~360°

## Image

<b>Video Compression</b>	Smart H.265, H.265+, H.265, Smart H.264, H.264+, H.264, MJPEG
<b>H.264 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 × 1440), 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>	1080p, 720p, D1, 480 × 240 (60Hz: 1~30fps, 50Hz: 1~25fps)
<b>Third Stream</b>	720p, 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, Hue, Contrast, Wide Dynamic, Sharpness, NR, etc. Adjustable through client software or web browser.
<b>ROI</b>	Each ROI to be configured separately

## 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, RTP, RTCP, ICMP, IGMP, FTP, PPPoE, DDNS, SMTP,SNMP,HTTP, 802.1x, UPnP, HTTPs, QoS
<b>Interface Protocol</b>	Onvif compatible
<b>Intelligent Analytics</b>	Line crossing, 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, sensor alarm, SD card error, SD card full, IP address conflict, cable disconnection
<b>General Function</b>	Watermark, IP address filtering, video mask, heartbeat, illegal login lock etc.
<b>PoE</b>	Yes , IEEE802.3af
<b>IR Distance</b>	50 ~ 70 m

## Interface

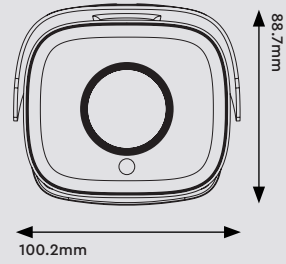
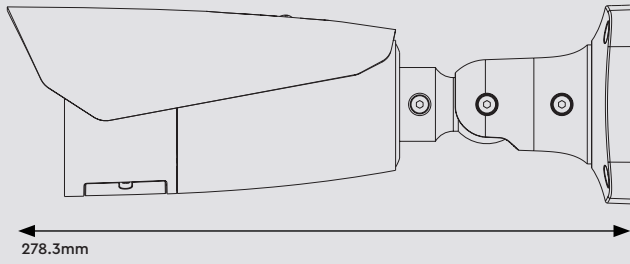
<b>Network</b>	RJ45
<b>Video Output</b>	CVBS output (BNC x1)
<b>Audio</b>	1CH audio input, 1CH audio output
<b>Alarm</b>	1CH alarm input, 1CH alarm output
<b>Storage</b>	Built-in micro SD card slot, up to 256GB
<b>Hardware Reset</b>	Yes

## Others

<b>Ingress Protection</b>	IP67
<b>Power Supply</b>	DC12V / PoE
<b>Power Consumption</b>	< 12W
<b>Operating Environment</b>	- 30 °C ~ 60°C (-22°F~140°F) Humidity: Less than 95% (Non-condensing)
<b>Dimensions</b>	278.3 × 100.2 × 88.7 mm
<b>Weight</b>	Approx. 1.04 Kg
<b>Installation</b>	Ceiling mounting, wall mounting

## Dimensions

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## Accessories

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**WJBBVWP**  
Water Resistant Junction  
Box - White



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



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