

PWIP4NBVAFDI

# BULLET CAMERA

4MP H.265 IP IR Bullet Camera with 2.8-12mm Lens



ONVIF®



## Key Features

- H.265 + / H.265 / H.264 + / H.264 / MJPEG coding
- Maximum resolution: 4MP (2560 × 1440)
- Auto day / night switch
- 3D DNR, HWDR, HLC, BLC, etc.
- ROI coding
- Support small supplement light
- 30~40m white light view distance, 30~50 IR view distance
- DC12V / PoE power supply
- IP67 ingress protection
- Supports three streams
- Supports remote monitoring by smart phones
- and tablet PCs with iOS and Android OS
- Support P2P function
- Support SMD
- Support line crossing detection, region intrusion detection, abandoned/missing object detection, video exception detection

The Genie PWIP4NBVAFDI is a 4MP IP IR bullet camera with a 2.8-12mm auto-focus varifocal lens. The camera also features up to 50m IR night view distance as well as Dual Illumination, Audio and IP67 rating.



genie

# Specification

## Camera

<b>Image Sensor</b>	1 / 3 "CMOS
<b>Image Size</b>	2560 × 1440
<b>Electronic Shutter</b>	1 / 1 s ~ 1 / 100000 s
<b>Iris Type</b>	Fixed Iris
<b>Minimum Illumination</b>	0.005 lux @F1.6, AGC ON; 0 lux with illumination on 0.004 lux @F1.4, AGC ON; 0 lux with illumination on
<b>Lens</b>	2.8~12mm@F1.4,H.FoV: 92 °~31 °; V.FoV: 48 °~17.2°; D.FoV: 112 °~ 35.6 °
<b>Focus</b>	Varifocal (motorized)
<b>Lens Mount</b>	Ø14
<b>Day &amp; Night</b>	ICR
<b>Wide Dynamic Range</b>	120dB
<b>BLC</b>	Yes
<b>HLC</b>	Yes
<b>Digital NR</b>	Yes
<b>S/N Ratio</b>	≥50dB
<b>Angle Adjustment</b>	Pan: 0°~360°; Tilt:0°~90°; Rotation: 0°~360°

## 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.265 Compression Standard</b>	Main Profile @ Level 4.1 High Tier
<b>Resolution</b>	4MP (2560 × 1440), 3MP (2304 × 1296), 1080P (1920 × 1080), 720P (1280 × 720), D1, VGA (640 × 480), CIF, 480 × 240
<b>Main Stream</b>	60Hz: 4MP/3MP/1080P/720P(1~30fps); 50Hz: 4MP/3MP/1080P/720P(1~25fps)
<b>Sub Stream</b>	60Hz : 720p, D1, VGA, CIF (1~30fps) 50Hz: 720p, D1, VGA, CIF (1~25fps)
<b>Third Stream</b>	60Hz: D1, 480× 240, CIF (1~30fps); 50Hz: D1, 480× 240, CIF (1~25fps)
<b>Bit Rate</b>	64 Kbps ~ 6 Mbps
<b>Bit Rate Type</b>	VBR / CBR
<b>Image Settings</b>	ROI, Saturation, Brightness, Hue, Contrast, Wide Dynamic, Sharpness, Image Mirror, Image Flip, NR, etc. Adjustable through client software or web browser
<b>Audio Compression</b>	G711A/U
<b>ROI</b>	Each ROI to be configured separately

## Functions

<b>Remote Monitoring</b>	Web browser / NVMS2.X / 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 3 users. Supports multi-stream real time transmission
<b>Network Protocol</b>	UDP, IPv4, IPv6, DHCP, NTP, RTSP, RTP, RTCP, RTMP, PPPoE, DDNS, SMTP, FTP, 802.1x, SNMP, UPnP, HTTP, HTTPS, HTTP POST, QoS
<b>Interface Protocol</b>	Onvif
<b>Storage</b>	Network remote storage; micro SD card storage
<b>Smart Alarm</b>	Motion detection, SMD, SD card full, SD card error
<b>Smart Event</b>	Video Exception (scene change, video blur and abnormal color detection), line crossing /region intrusion detection (human/ motor vehicle/non-motor vehicle classification), abandoned/missing object detection
<b>General Function</b>	Watermark, IP address filtering, video mask, heartbeat, system config backup, smart supplement light, corridor pattern
<b>PoE</b>	Yes
<b>Supplement Light Range</b>	IR range: 30 ~ 50 m; white light range:30 ~ 40 m
<b>Ingress Protection</b>	IP67
<b>Security</b>	Video encryption, firmware encryption, configuration encryption, illegal login lock, IP address filtering, 802.1x authentication, basic and digest authentication for HTTP

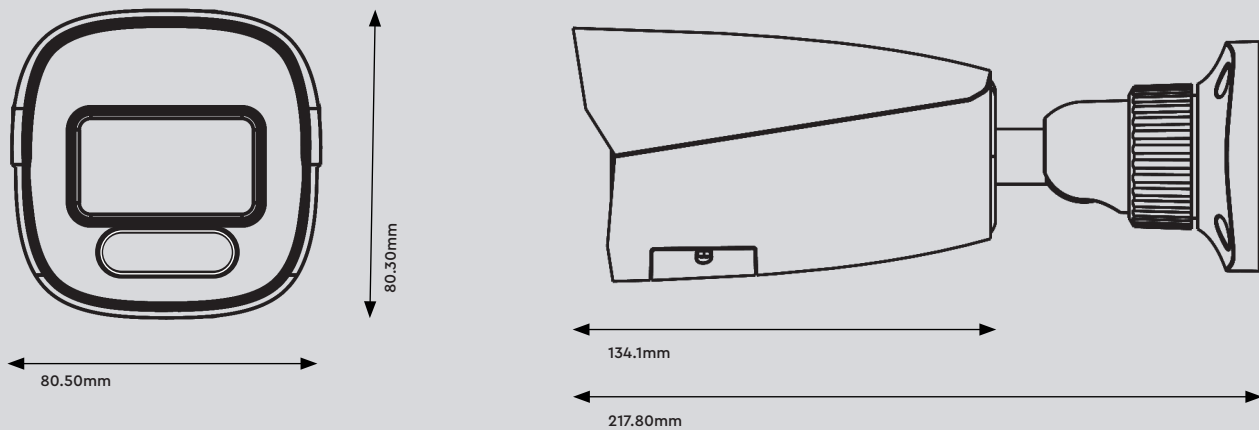
## Interface

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

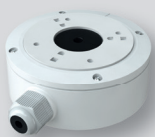
## Others

<b>DORI Distance</b>	Detect: 62m (203ft) Observe: 25m (81ft) Recognise: 12m (40ft) Identify: 6m (20ft)
<b>Power Supply</b>	DC12V / PoE
<b>Power Consumption</b>	< 8W
<b>Storage Conditions</b>	- 30 °C ~ 65°C (-22°F ~ 149°F), Humidity: less than 95% (non-condensing)
<b>Operating Environment</b>	- 40 °C ~ 60 °C (-40°F ~ 140°F), Humidity: less than 95% (non-condensing)
<b>Dimensions</b>	217.8 × 80.5 × 80.3 mm
<b>Weight</b>	Approximately 0.68KG
<b>Installation</b>	Ceiling mounting; Wall mounting

## Dimensions



## Accessories



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



**WIPSJB**  
Small Sized Junction Box for Bullet and Eyeball Cameras - White



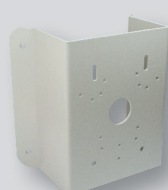
**WIPSWM**  
Surface Mount Wall Bracket (Junction Box NOT included) - White



**WIPSCM**  
Ceiling Mount for Vandal Resistant Domes (Requires associated JB) - White



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



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