

PWIP8NBVAFDI

BULLET CAMERA

8MP H.265 IP IR Bullet Camera with 2.8-12mm Lens



ONVIF®



Key Features

- H.265+ / H.265 / H.264+ / H.264/ MJPEG coding
- Max. resolution: 8MP (3840 × 2160)
- Auto day / night switch
- 3D DNR, HWDR, HLC, BLC, Defog, etc.
- ROI coding
- Support smart supplement light
- 20~30m white light view distance; 30~50m 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 PWIP8NBVAFDI is a 8MP 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

Image Sensor	1 / 2.8 "CMOS
Image Size	3840 × 2160
Electronic Shutter	1 / 3s ~ 1 / 100000s
Iris Type	DC Iris
Minimum Illumination	0.02 lux @F1.6, AGC ON; 0 lux with illumination on
Lens	2.8~12mm@F1.6, H.FoV: 97.3°~34°; V.FoV: 52.3°~17.7°;D.FoV: 116°~37°
Focus	Motorized
Lens Mount	Ø14
Day & Night	ICR
Wide Dynamic Range	120dB
BLC	Yes
HLC	Yes
Digital NR	Yes
Defog	Yes
S/N Ratio	≥50dB
Angle Adjustment	Pan: 0°~360°; Tilt:0°~90°; Rotation: 0°~360°

Image

Video Compression	Main stream: H.265+ / H.265 / H.264+ / H.264 Sub /Third stream: H.265+ / H.265 / H.264+ / H.264 / MJPEG
H.265 Compression Standard	Main Profile @ Leve4.1 High Tier
Resolution	8MP(3840×2160),6MP(3200×1800), 4MP(2688×1520), 2K(2560×1440), 1080P (1920×1080), 720P (1280×720), D1, VGA (640×480), 640× 360, 480× 240, CIF
Main Stream	60Hz: 8MP(1~20fps) /6MP/4MP/2K/1080P (1~30fps) 50Hz: 8MP(1~20fps) /6MP/4MP/2K/1080P (1~25fps)
Sub Stream	720P/D1/VGA/640×360/CIF/480× 240 (60Hz: 1~30fps; 50Hz: 1~25fps)
Third Stream	720P/D1/640×360/CIF (60Hz: 1~30fps; 50Hz: 1~25fps)
Bit Rate	64 Kbps ~ 12Mbps
Bit Rate Type	VBR / CBR
Image Settings	ROI, Saturation, Brightness, Hue, Contrast, Wide Dynamic, Sharpness, Image Mirror, Image Flip, NR, etc. adjustable through client software or web browser
Audio Compression	G711A/U
ROI	Each ROI to be configured separately

Functions

Remote Monitoring	Web browser / NVMS2.X /Mobile APP
Web Browser	IE (plug-in required) / Google Chrome / Edge / Firefox / Safari
Online Connection	Support simultaneous monitoring for up to 10 users; Support multi-stream real time transmission
Network Protocol	UDP, IPv4, IPv6, DHCP, NTP, RTSP, RTP, RTCP, RTMP, PPPoE, DDNS, SMTP, FTP, 802.1x, SNMP, UPnP, HTTP, HTTPS, HTTP POST, P2P, QoS
Interface Protocol	Onvif
Storage	Network remote storage; micro SD card storage
Smart Alarm	Motion detection, SMD, SD card full, SD card error, IP address conflict, cable disconnection, video exception (scene change, video blur and abnormal color detection)
Smart Event	Line crossing / region intrusion detection(human / motor vehicle / non-motor vehicle classification), abandoned/missing object detection
General Function	Watermark, IP address filtering, video mask, heartbeat, system config backup, smart supplement light, corridor pattern, image distortion correction
PoE	Yes
Supplement Light Range	IR range: 30 ~ 50 m; white light range:20 ~ 30 m
Ingress Protection	IP67
Security	Video encryption, firmware encryption, configuration encryption, illegal login lock, IP address filtering, 802.1x authentication, basic and digest authentication for HTTP

Interface

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

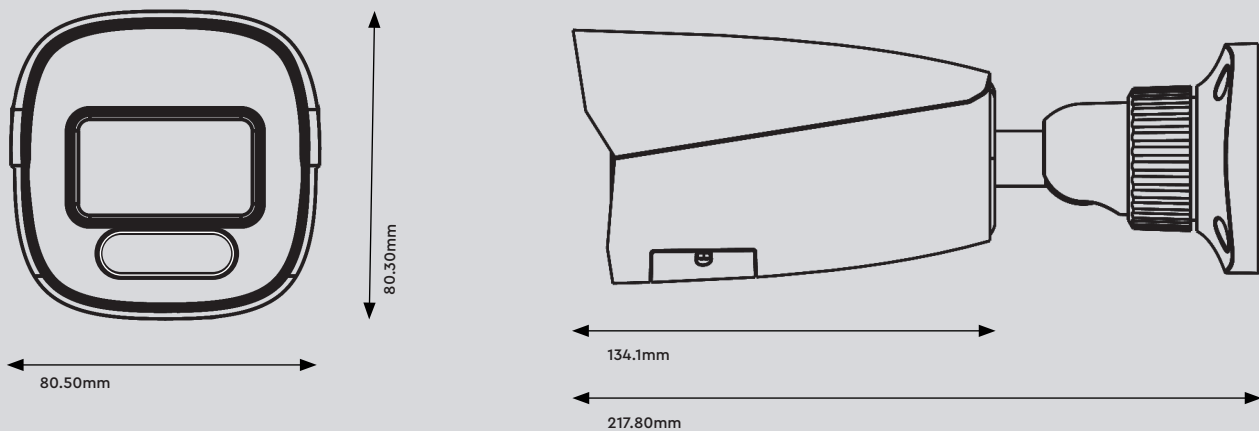
Others

Power Supply	DC12V / PoE
Power Consumption	< 12W
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	217.8 × 80.5 × 80.3 mm
Weight	Approximately 0.68KG
Installation	Ceiling mounting; Wall mounting

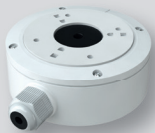
DORI Distance

Lens	Detect	Observe	Recognise	Identify
2.8 ~ 12mm (W)	88m(288ft)	35m(114ft)	17m(56ft)	8m(27ft)
2.8 ~ 12mm (T)	277m(908ft)	111m(364ft)	55m(180ft)	28m(91ft)

Dimensions



Accessories



WJBSWP
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