

PWIP2NBVDI

BULLET CAMERA

2MP 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: 2MP (1920 × 1080)
- 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
- Supports P2P function
- Supports SMD
- Supports line crossing detection, region intrusion detection, abandoned/missing object detection, video exception detection

The Genie **PWIP2NBVDI** is a 2MP IP IR bullet camera with a 2.8–12mm varifocal lens. The camera also features up to 50m IR night view distance as well as Dual Illumination, Smart Features and IP67 rating.



genie

Specification

Camera

Image Sensor	1 / 2.8 "CMOS
Image Size	1920 × 1080
Electronic Shutter	1 / 3 s ~ 1 / 100000 s
Iris Type	Fixed Iris
Minimum Illumination	0.008 lux @F1.6, AGC ON; 0 lux with illumination on 0.006 lux @F1.4, AGC ON; 0 lux with illumination on
Lens	2.8~12mm@F1.4 H.FoV: 101.9 °~ 33°; V.FoV: 54.3 °~ 19°; D.FoV: 124.7 °~ 39°
Focus	Varifocal (manual)
Lens Mount	Ø14
Day & Night	ICR
Wide Dynamic Range	120dB
BLC	Yes
HLC	Yes
Digital NR	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 @ Level 4.1 High Tier
Resolution	1080P (1920 × 1080), 720P (1280 × 720), D1, VGA (640× 480), 480× 240, CIF
Main Stream	1080P/720P (60Hz: 1~30fps; 50Hz: 1~25fps)
Sub Stream	D1/VGA/CIF (60Hz: 1~30fps; 50Hz: 1~25fps)
Third Stream	D1/480× 240/CIF (60Hz: 1~30fps; 50Hz: 1~25fps)
Bit Rate	64 Kbps ~ 6 Mbps
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	Chrome 89.0+/Edge 89.0+/Firefox 87.0+/Safari 14.0+
Online Connection	Supports simultaneous monitoring for up to 6 users. Supports 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 error, SD card full, IP address conflict, network disconnection, video exception
Smart Event	Line crossing/region intrusion (human/vehicle classification), abandoned/missing object detection
General Function	Watermark, IP address filtering, video mask, heartbeat, ANR, cloud upgrade, smart supplement light, corridor pattern
PoE	Yes
Supplement Light Range	IR range: 30 ~ 50 m; white light range: 30 ~ 40 m
Ingress Protection	IP67
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

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

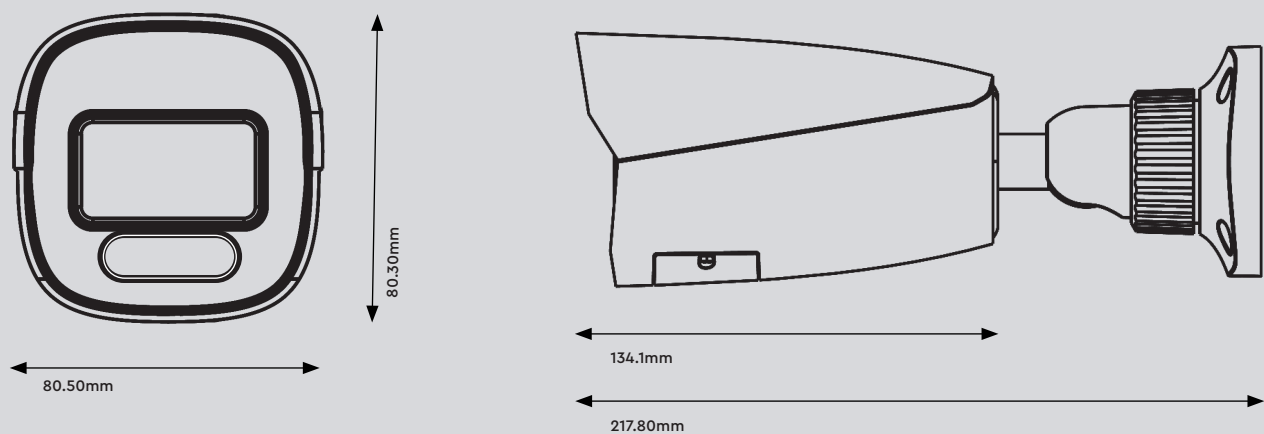
DORI Distance

Lens	Detect	Observe	Recognise	Identify
2.8 ~ 12 mm (W)	43m(142ft)	17m(56ft)	9m(28ft)	4m(14ft)
2.8 ~ 12 mm (T)	132m(433ft)	53m(173ft)	26m(86ft)	13m(43ft)

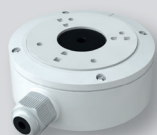
Others

Power Supply	DC12V / PoE
Power Consumption	< 8W
Storage Conditions	- 30 °C ~ 65°C (-22°F ~ 149°F), Humidity: less than 95% (non-condensing)
Operating Conditions	- 40 °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
Certificate	CE, FCC

Dimensions



Accessories



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



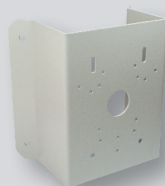
WIPSB
Small Sized Junction Box
for Bullet and Eyeball
Cameras – White



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



WIPMPM
Multi Purpose Pole Mount
Bracket – White



WIPMPCM
Multi Purpose Corner
Mount Bracket – White