

PWIP8NEBDI

EYEBALL CAMERA

8MP Dual Illumination Water & Impact Resistant Turret Network Camera



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; 20~30m IR view distance
- 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 P2P function
- Support SMD
- Support line crossing detection, region intrusion detection, abandoned/missing object detection, video exception detection
- Dual-system backup

The Genie PWIP8NEBDI are 8MP Dual Illumination Water & Impact Resistant Turret Network Cameras. The cameras also features up to 30m IR night view distance as well as being IP67.



genie

Specification

Camera

Image Sensor	1/2.8 "CMOS
Image Size	3840 × 2160
Electronic Shutter	1 / 3s ~ 1 / 100000s
Iris Type	Fixed Iris
Minimum Illumination	0.02 lux @F1.6, AGC ON; 0 lux with illumination on
Lens	2.8mm@F1.6, Horizontal FoV: 106°;Vertical FoV:57°;Diagonal FoV:124° 3.6mm@F1.6, Horizontal FoV:90°;Vertical FoV:47°;Diagonal FoV:107°
Focus	Fixed
Lens Mount	M12
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°~75°; 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
ROI	8ROI, each ROI to be configured separately
Audio Compression	G711A/U

Functions

Remote Monitoring	Web browser /NVR/NVMS2.X/Mobile APP
Web Browser	Chrome 89.0+/Edge 89.0+/Firefox 87.0+/Safari 14.0+
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, smart supplement light, corridor pattern, image distortion correction, ANR, cloud upgrade
PoE	Yes
Supplement Light Range	IR range: 20 ~ 30 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

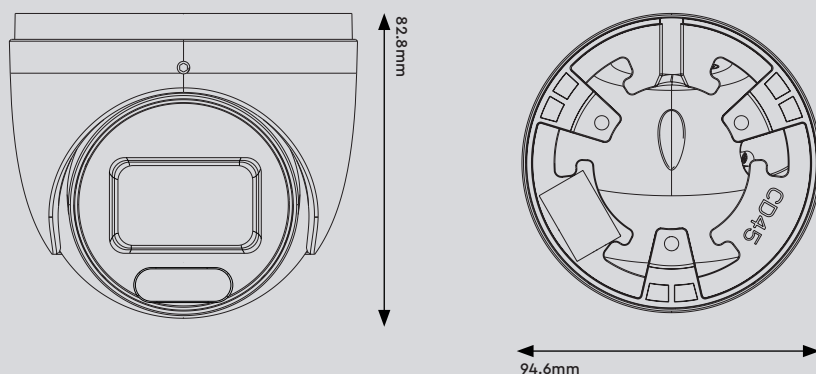
DORI Distance

Lens	Detect	Observe	Recognise	Identify
2.8mm	79m(259ft)	32m(105ft)	16m(52ft)	8m(27ft)
3.6mm	99m(325ft)	40m(130ft)	20m(68ft)	10m(34ft)

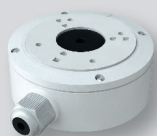
Others

Power Supply	DC12V/PoE
Power Consumption	< 6W
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)
Compliance	NDAA, PSTI
Dimensions	Φ 94.6 × 82.8mm
Weight	Approximately 0.45KG
Installation	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



WBEBVW

Wall Bracket for Eyeball Cameras – White