

PWIP4NEBDI | PWIP4NEBDIG

EYEBALL CAMERA

4MP Dual Illumination Water & Impact Resistant Turret Network Camera



ONVIF®

Key Features

- H.265+ /H.265 /H.264+ /H.264/MJPEG coding
- Max. resolution: 4MP (2560 × 1440)
- Auto day/night switch
- 3D DNR, HWDR, HLC, BLC, 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 line crossing detection, region intrusion detection, abandoned/missing object detection, video exception detection
- Onvif compliant

The Genie PWIP4NEBDI and PWIP4NEBDIG are 4MP 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	1/3 "CMOS
Image Size	2560 × 1440
Electronic Shutter	1/1s ~ 1/100000s
Iris Type	Fixed Iris
Minimum Illumination	0.005 lux @F1.6, AGC ON; 0 lux with illumination on
Lens	2.8mm@F1.6, Horizontal FoV: 94°; Vertical FoV:50°; Diagonal FoV:115° 3.6mm@F1.6, Horizontal FoV:78°; Vertical FoV:40°; Diagonal FoV:97°
Focus	Fixed
Lens Mount	M12
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°~75°; Rotation: 0°~360°

Image

Video Compression	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
H.265 Compression Standard	Main Profile@Leve4.1 High Tier
Resolution	4MP (2560×1440), 3MP (2304×1296), 1080P (1920×1080), 720P (1280×720), D1, VGA (640 × 480), CIF, 480 × 240
Main Stream	60Hz: 4MP/3MP/1080P/720P(1~30fps); 50Hz: 4MP/3MP/1080P/720P(1~25fps)
Sub Stream	60Hz : 720P/D1/VGA/CIF(1~30fps); 50Hz: 720P/D1/VGA/CIF (1~25fps)
Third Stream	60Hz: D1/480× 240/CIF (1~30fps); 50Hz: D1/480× 240/CIF(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
ROI	Each ROI to be configured separately
Audio Compression	G711A/U

Functions

Remote Monitoring	Web browser /NVR/NVMS2.X/Mobile APP
Web Browser	IE (plug-in required)/Google Chrome/Edge/Firefox/Safari
Online Connection	Support simultaneous monitoring for up to 3 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, QoS
Interface Protocol	ONVIF
Storage	Network remote storage, micro-SD card storage
Smart Alarm	Motion detection, SMD, SD card full, SD card error
Smart Event	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
General Function	Watermark, IP address filtering, video mask, heartbeat, system config backup, smart supplement light, corridor pattern
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

Others

DORI Distance Lens 2.8mm Detect 62m(203ft)
Observe 25m(81ft) Recognize
12m(40ft) Identify 6m(20ft)
Lens 3.6mm Detect 79m(259ft)
Observe 32m(104ft) Recognize
16m(52ft) Identify 8m(26ft)

Power Supply DC12V/PoE

Power Consumption < 6W

Storage Conditions - 30 °C ~ 65°C (-22°F~149°F),
Humidity: less than 95 % (non-
condensing)

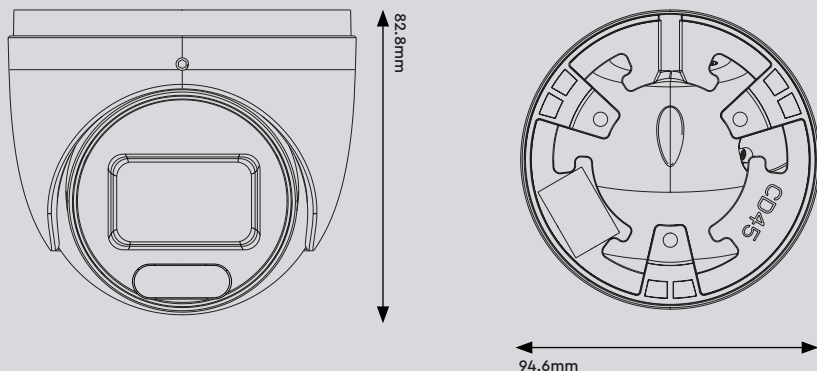
Operating Environment - 30 °C ~ 60 °C (-22°F~140°F),
Humidity: less than 95 % (non-
condensing)

Dimensions Φ 94.6 × 82.8mm

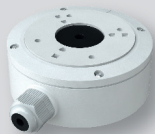
Weight Approximately 0.45KG

Installation Ceiling mounting; wall mounting

Dimensions



Accessories



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



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



WBEBYW
Wall Bracket for Eyeball
Cameras – White