

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

<b>Image Sensor</b>	1/3 "CMOS
<b>Image Size</b>	2560 × 1440
<b>Electronic Shutter</b>	1/1s ~ 1/100000s
<b>Iris Type</b>	Fixed Iris
<b>Minimum Illumination</b>	0.005 lux @F1.6, AGC ON; 0 lux with illumination on
<b>Lens</b>	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°
<b>Focus</b>	Fixed
<b>Lens Mount</b>	M12
<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°~75°; 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@Leve4.1 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>ROI</b>	Each ROI to be configured separately
<b>Audio Compression</b>	G711A/U

## Functions

<b>Remote Monitoring</b>	Web browser /NVR/NVMS2.X/Mobile APP
<b>Web Browser</b>	IE (plug-in required)/Google Chrome/Edge/Firefox/Safari
<b>Online Connection</b>	Support simultaneous monitoring for up to 3 users; Support 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: 20 ~ 30 m; white light range: 20 ~ 30 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

**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)

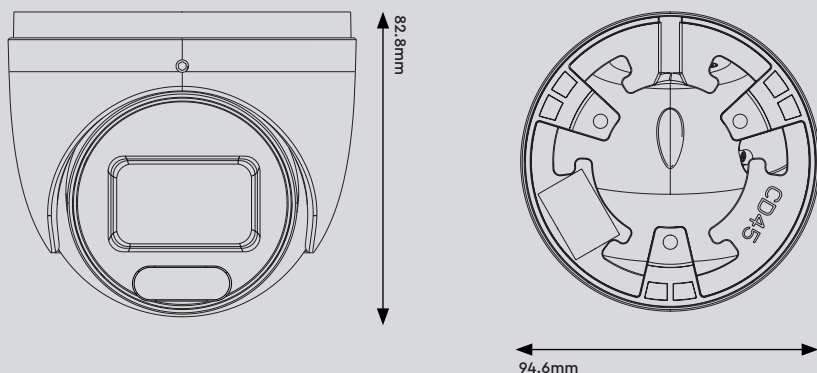
**Operating Environment** - 30 °C ~ 60 °C (-22°F~140°F),  
Humidity: less than 95 % (non-  
condensing)

**Dimensions**  $\Phi$  94.6 × 82.8mm

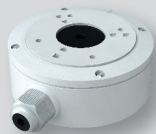
**Weight** Approximately 0.45KG

**Installation** Ceiling mounting; wall mounting

## Dimensions



## Accessories



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



**WIPJSB**  
Small Sized Junction Box  
for Bullet and Eyeball  
Cameras – White



**WBEBYW**  
Wall Bracket for Eyeball  
Cameras – White