

PWIP8NEB

# EYEBALL CAMERA

8MP H.265 IP IR Eyeball Camera with 2.8mm Lens



ONVIF®



## Key Features

- 8MP (2560 × 1440) H.265 coding
- Maximum resolution: 3840 × 2160
- ICR auto switch, true day / night, ROI coding
- 3D DNR, digital WDR, HLC, BLC, defog
- 20~30m IR night view distance
- DC12V / PoE power supply
- Built-in micro SD card slot, up to 256GB
- 1CH built-in MIC; 1ch audio input
- IP67 ingress protection
- Supports remote monitoring by smart phones and tablet PC's with iOS and Android OS
- Supports three streams
- Intelligent analytics : Object removal detection, abnormal video signal detection, line crossing detection and region intrusion detection
- Available in a white
- Onvif compliant

The Genie **PWIP8NEB** is an 8MP IP IR eyeball camera with a 2.8mm lens. The camera also features up to 30m IR night view distance as well as being IP67.



genie

## Specification

### Camera

<b>Image Sensor</b>	1 / 2.8 "CMOS
<b>Image Size</b>	3840 × 2160
<b>Electronic Shutter</b>	1 / 2s ~ 1 / 100000 s
<b>Iris Type</b>	Fixed Iris
<b>Minimum Illumination</b>	0.02 lux @F1.6, AGC ON 0 Lux with IR
<b>Lens</b>	2.8 mm @F1.6, Horizontal FoV:101°; Vertical FoV:53°; Diagonal FoV:120°
<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>Defog</b>	Yes
<b>Digital NR</b>	3D DNR
<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.264 Compression Standard</b>	Baseline Profile/Main Profile/High Profile
<b>Resolution</b>	8MP ( 3840 × 2160 ), 6MP( 3072 × 2048 ), 5MP( 2592 × 1944), 4MP ( 2592 × 1520), 2K(2560 × 1440 ), 3MP(2304 × 1296), 1080P ( 1920 × 1080 ), 720P ( 1280 × 720 ), D1, CIF, 480 × 240
<b>Main Stream</b>	60Hz : 8MP(1~20fps)/6MP/5MP/4MP/2K/3MP/1080P/720P(1~30fps) 50Hz : 8MP(1~20fps)/6MP/5MP/4MP/2K/3MP/1080P/720P(1~25fps)
<b>Sub Stream</b>	60Hz: 720P(1~12fps)/D1/480 × 240(1~30fps) 50Hz: 720P/D1/480 × 240(1~25fps)
<b>Bit Rate</b>	64 Kbps ~ 12 Mbps
<b>Bit Rate Type</b>	VBR / CBR
<b>Audio Compression</b>	G711A / U
<b>Image Settings</b>	ROI, Saturation, Brightness, Hue, Contrast, Wide Dynamic, image mirror, image flip, Sharpness, NR, etc. adjustable through client software or web browser
<b>Image Settings</b>	ROI, Saturation, Brightness, Hue, Contrast, Wide Dynamic, Sharpness, Image Mirror, Image Flip, NR. Adjustable through client software or web browser
<b>ROI</b>	Each ROI to be configured separately

### Functions

<b>Remote Monitoring</b>	IE browser/ TVT NVR / NVMS / mobile APP
<b>Web Browser</b>	IE11(plug-in required)/Chrome 89.0+ / Edge 89.0+ / Firefox 87.0+ / Safari 14.0+
<b>Online Connection</b>	Support simultaneous monitoring for up to 10 users; Support multi-stream real time transmission
<b>Network Protocol</b>	UDP, IPv4, IPv6, DHCP, NTP, RTSP, RTP, RTMP, RTCP, PPPoE, DDNS, SMTP, FTP, SNMP, HTTP, HTTP POST, 802.1x, UPnP, HTTPs, QoS
<b>Interface Protocol</b>	Onvif compatible
<b>Intelligent Analytics</b>	Scene change, video blur detection, abnormal color detection , line crossing detection, intrusion detection
<b>Storage</b>	Network remote storage; micro SD card storage
<b>Smart Alarm</b>	Motion detection; SD card error; SD card full
<b>General Function</b>	Watermark, video mask, heartbeat, corridor pattern
<b>PoE</b>	Yes (IEEE802.3af)
<b>IR Distance</b>	20 ~ 30 m
<b>Security</b>	Video encryption, firmware encryption, HTTPs encryption, configuration encryption, illegal login lock, IP address filtering, 802.1x authentication, basic and digest authentication for HTTP/HTTPs

### Interface

<b>Network</b>	RJ 45 10M/100M self-adaptive Ethernet port
<b>Video Output</b>	No
<b>Audio</b>	1CH built-in MIC; 1CH audio input
<b>Storage</b>	Built-in micro-SD card slot, up to 256GB
<b>Hardware Reset</b>	Yes

### DORI Distance

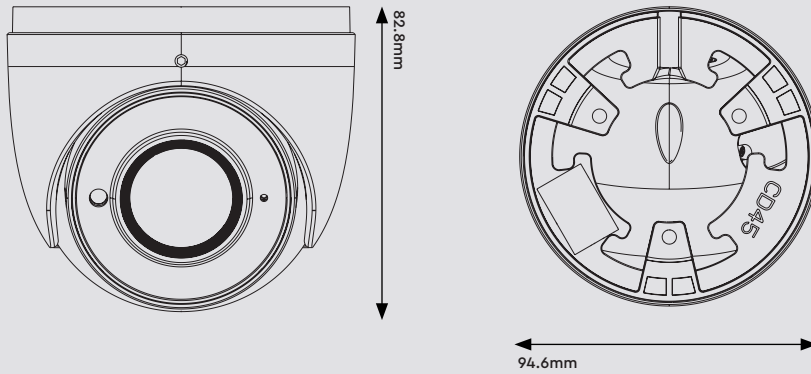
<b>Lens 2.8mm</b>	Detect 86.65m(284.28ft) Observe 34.66m(113.71ft) Recognise 17.33m(56.85ft) Identify 8.66m(28.41ft)
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## Specification

### Others

<b>Ingress Protection</b>	IP67
<b>Power Supply</b>	DC12V/PoE
<b>Power Consumption</b>	< 7.5W
<b>Operating Environment</b>	- 30 °C ~ 60 °C (-22°F~140°F), Humidity: less than 95 % (non-condensing)
<b>Storage Conditions</b>	- 30 °C ~ 65°C (-22°F~149°F), Humidity: less than 95 % (non-condensing)
<b>Dimensions</b>	Ø 94.6 × 82.8 mm
<b>Weight</b>	Approx. 0.482KG
<b>Installation</b>	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



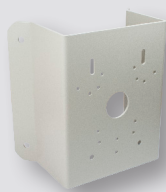
**WIPSWM**  
Surface Mount Wall Bracket (Junction Box NOT included) - White



**WBEVW**  
Wall Bracket for Eyeball Cameras - White



**WIPMPM**  
Multi Purpose Pole Mount Bracket - White



**WIPMPCM**  
Multi Purpose Corner Mount Bracket - White



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