

PWIP4NEBVAFDI

# EYEBALL CAMERA

4MP H.265 IP IR Dual Illumination Eyeball Camera with 2.8–12mm Auto Focus Lens



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
- 30~40m white light view distance; 30~50m 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

The Genie **PWIP4NEBVAFDI** is a 4MP IP IR Dual Illumination eyeball camera with a 2.8–12mm auto focus lens. The camera also features up to 50m 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	0.004 lux @F1.4, AGC ON; 0 lux with IR on
Lens	2.8~12mm@F1.4
Field of View	Horizontal: 92 °~31 °; Vertical: 48 °~17.2°; Diagonal: 112 °~ 35.6 °
Focus	Motorised
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°~80°;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	4MP/3MP/1080P/720P (60Hz: 1~30fps; 50Hz: 1~25fps)
Sub Stream	720P/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 / 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 6 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
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 (IEEE802.3af)
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

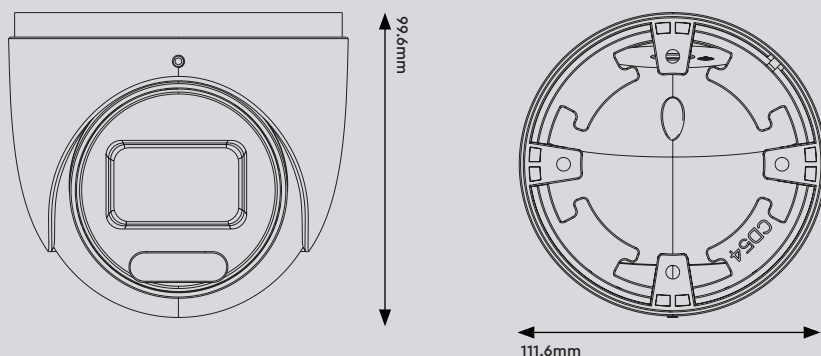
## Others

<b>Power Supply</b>	DC12V/PoE
<b>Power Consumption</b>	< 9W
<b>Storage Conditions</b>	- 30 °C ~ 65°C (-22°F~149°F), Humidity: less than 95 % (non-condensing)
<b>Operating Environment</b>	- 30 °C ~ 60 °C (-22°F~140°F), Humidity: less than 95 % (non-condensing)
<b>Dimensions</b>	Φ 111.6 × 99.6
<b>Weight</b>	Approximately 0.66KG
<b>Installation</b>	Ceiling mounting; wall mounting
<b>Certificate</b>	CE, FCC
<b>Environmental Protection</b>	Complies with Directive EU RoHS, WEEE(2012/19/EU) , directive 94/62/EC and REACH(EC1907/2006)

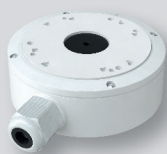
## DORI Distance

Lens	Detect	Observe	Recognise	Identify
<b>2.8mm ~ 12mm (W)</b>	64m(210ft)	26m(84ft)	13m(42ft)	6m(20ft)
<b>2.8mm ~ 12mm (T)</b>	189m(619ft)	75m(247ft)	38m(124ft)	19m(62ft)

## Dimensions



## Accessories



**WJBBVWP**  
Water Resistant Junction Box – White



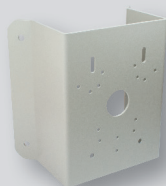
**WJBEBV**  
Junction Box for Varifocal and Auto Focus Eyeball Cameras – White



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



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



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



**WIPMPPM**  
Multi Purpose Pole Mount Bracket – White