

# 4MP Ultra Starlight Wise-ISP Fixed Eyeball Network Camera

IPD-3624OV-28FW



## Features

- High quality image with 4MP, 1/1.8"CMOS sensor and F1.0 large aperture lens
- 4MP (2688\*1520)@ 25/20fps; 4MP (2560\*1440)@ 25/20fps; 3MP (2304\*1296) @30/25fps; 2MP (1920\*1080) @30/25fps;
- Ultra 265, H.265, H.264, MJPEG
- Ultra Starlight
- Wise-ISP technology is an artificial intelligence-based technology that effectively improves the quality of nighttime images, including noise filtering, color reproduction, and separation of objects from backgrounds.
- 120dB true WDR technology enables clear image in strong light scene
- Support 9:16 Corridor Mode
- Built-in Mic
- White Light, up to 30m warm light distance
- Supports 512 GB Micro SD card
- IP67 protection
- Support PoE power supply
- 3-Axis

### Specifications

IPD-3624OV-28FW					
<b>Camera</b>					
Max Resolution	4MP				
Sensor	1/1.8" CMOS				
Min. Illumination	Colour: 0.0003 lux (F1.0, AGC ON)				
Shutter	Auto/Manual, 1 ~ 1/100000s				
Adjustment Angle	Pan: 0° ~ 360°, Tilt: 0° ~ 75°, Rotate: 0° ~ 360°				
S/N	>52dB				
WDR	120dB				
<b>Lens</b>					
Focal Length	2.8 mm				
Iris	Fixed / F1.0				
Field of View (H)	110.4°				
Field of View (V)	60.5°				
Field of View (D)	115.2°				
<b>DORI</b>					
DORI distance	Focus (mm)	Detect (m)	Observe (m)	Recognize (m)	Identify (m)
	2.8	43.4	17.4	8.7	4.3
<b>Illuminator</b>					
Supplemental Light	Warm Light				
Illumination Distance(Warm Light)	30 m				
Light On/Off Control	Auto/Manual				
<b>Video</b>					
Video Compression	Ultra 265; H.265; H.264; MJPEG				
H.264 Code Profile	Baseline profile, Main profile, High profile				
Video Stream	Dual Streams				
Frame Rate	Main Stream: 4MP (2688*1520), Max 25fps;4MP (2560*1440), Max 25fps; 3MP (2304*1296), Max 30fps; 1080P (1920*1080), Max 30fps; Sub Stream: 720P (1280*720), Max 30fps; D1 (720*576), Max 30fps; 640*360,Max 30fps;				
Video Bit Rate	128 kbps ~ 6144 kbps				

OSD	Up to 4 OSDs
Privacy Mask	Up to 4 areas
ROI	Up to 8 areas
<b>Image</b>	
White Balance	Auto; Outdoor; Fine Tune; Sodium Lamp; Locked; Auto2
Digital Noise Reduction	2D/3D DNR
Smart Illumination	Support
Flip	Normal; Flip Vertical; Flip Horizontal; 180°; 90°Clockwise; 90°Anti-clockwise
HLC	Support
BLC	Support
Defog	Digital Defog
<b>Events</b>	
Basic Detection	Motion Detection; Ultra Motion Detection; Tampering Alarm; Audio Detection; Cross Line (based on Human Body Detection); Intrusion (based on Human Body Detection)
General Function	Watermark; IP Address Filtering; Access Policy; ARP Protection; RTSP Authentication; User Authentication; HTTP Authentication
<b>Audio</b>	
Audio Compression	G.711U; G.711A
Audio Bitrate	64 kbps
Suppression	Support
Sampling Rate	8kHz
<b>Storage</b>	
Edge Storage	Micro SD, up to 512 GB
Network Storage	ANR; NAS (NFS)
<b>Network</b>	
Protocols	IPv4; IPv6; IGMP; ICMP; ARP; TCP; UDP; DHCP; PPPoE; RTP; RTSP; RTCP; DNS; DDNS; NTP; FTP; UPnP; HTTP; HTTPS; SMTP; 802.1x; SNMP; QoS; RTMP; SSL/TLS
Compatible Integration	ONVIF (Profile S, Profile G, Profile T); API; SDK
User/Host	Up to 32 users, 2 user levels: administrator and common user
Security	Password Protection; Strong Password; HTTPS Encryption; Export Operation Logs; Basic and Digest Authentication for RTSP; Digest Authentication for HTTP; TLS 1.2; WSSE and Digest Authentication for ONVIF

Client	Guard Link; Guard Link Pro; GuardStation
Web Browser	Plug-in required live view: IE 10 and above, Chrome 45 and above, Firefox 52 and above, Edge 79 and above; Plug-in free live view: Chrome 57.0 and above, Firefox 58.0 and above, Edge 16 and above
<b>Interface</b>	
Built-in Mic	Support
Network	1 x RJ45 10M/100M Base-TX Ethernet
<b>Certification</b>	
EMC	CE-EMC (EN 55032, EN 61000-3-3, EN IEC 61000-3-2, EN 55035) FCC (FCC 47 CFR part15 B)
Safety	CE LVD (EN 62368-1) UL/CUL (UL 62368-1, CAN/CSA C22.2 No. 62368-1)
Environment	CE-RoHS (2011/65/EU;(EU)2015/863); WEEE (2012/19/EU);
Protection	IP67 (IEC 60529)
<b>General</b>	
Power	DC 12V ±25%, PoE (IEEE 802.3af) Power consumption: Max 6W
Power Interface	Ø 5.5mm coaxial power plug
Dimensions	
Weight	0.48kg
Material	Metal + Plastic
Working Environment	-30 °C ~ 60 °C, Humidity: ≤95% RH (non-condensing)
Storage Environment	-30 °C ~ 60 °C, Humidity: ≤95% RH (non-condensing)
Surge Protection	4 kV
Reset Button	Support
Web Client Language	English, Hungarian, Slovak, Croatian, Serbia, Romanian, Italian, Slovenia

## Dimensions

### Accessories

**TR-JB03-I-IN**

Junction Box for Plastic Turret  
Camera(Support wiring from behind)



**TR-WM03-D-IN**

Wall Mounting Bracket for 32 Fix-  
dome&Mini Fix-dome&Plastic Turret  
Camera



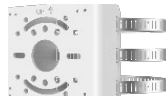
**TR-A01-IN**

NPT 3/4" Waterproof Cable Gland



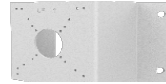
**TR-UP06-IN**

Universal Pole Mounting Bracket



**TR-UC08-C**

Bullet&Dome Corner Mounting  
Bracket



**TR-SE24-IN**

Dome Pendant Mounting Pole  
200mm



**TR-SE24-A-IN**

Dome Pendant Mounting Pole  
500mm



**TR-CM24-IN**

Dome Pendant Mounting  
Bracket(Indoor)

