

4MP ANPR Ultra Starlight Wise-ISP Bullet Camera

IPW-LPR800V-X4PAL



Wise-ISP



Features

- High quality image with 4 MP, 1/1.8" CMOS sensor
- 2688 × 1520@60 fps in the main stream, which can offering more details of fast moving objects
- Ultra 265, H.265, H.264, MJPEG
- ANPR supports capturing and recognizing car license plate according to the set country or area
- Adjustable far and near lights, suitable for different capture situation
- 8 to 32 mm focal lens with P-iris, supports accurate control of exposure, , suitable for road scenarios
- Wise-ISP technology, comprehensive improvement in image quality
- Audio 2 in and 1 out, Alarm 3 in and 2 out
- Built in heater, support normal start up at low temperature
- Micro SD, up to 512 GB
- DC 12V or PoE (IEEE 802.3at) power supply
- IP67, IK10

Specifications

Model	IPW-LPR800V-X4PAL				
Camera					
Max Resolution	4 MP				
Sensor	1/1.8" CMOS				
Min. Illumination	Colour:0.0005 lux (F1.6, AGC ON) B/W:0.0003 lux (F1.6, AGC ON) 0 lux with IR				
Day/Night	IR-cut filter with auto switch (ICR)				
Shutter	Auto/Manual, 1 to 1/100000 s				
WDR	140 dB				
Adjustment Angle	Pan: 0° to 360° Tilt: 0° to 90° Rotate: 0° to 360°				
S/N	>56 dB				
Lens					
Focal Length	8 to 32 mm				
Optical Zoom	4X				
Digital Zoom	16X				
Iris	F1.6, P-iris				
Field of View (H)	42.6° to 15.2°				
DORI					
DORI Distance	Lens (mm)	Detect (m)	Observe (m)	Recognize (m)	Identify (m)
	8	124.1	49.7	24.8	12.4
	32	496.6	198.6	99.3	49.7
Illuminator					
Illumination Distance (IR)	40 m				
Wavelength	850 nm				
Video					
Video Compression	Ultra 265, H.265, H.264, MJPEG				
Video Stream	Triple streams				
Frame Rate-Main Stream	4MP (2688x1520), Max 60fps				
Frame Rate-Sub Stream	2MP (1920x1080), Max 60fps;				
Frame Rate-Third Stream	D1 (720x576), Max 60fps				
Frame Rate Recommendation	2688x1520@60fps + 1080P@60fps + D1@60fps				
Video Bit Rate	128 kbps to 16 Mbps				

ROI	Up to 8 areas
Privacy Mask	Up to 8 areas (8 blacks / 8 mosaics)
OSD	Up to 10 OSDs
Image	
White Balance	Auto, Outdoor, Fine Tune, Sodium Lamp, Locked, Auto2
Digital Noise Reduction	2D/3D DNR
Flip	Normal, Flip Vertical, Flip Horizontal, 180°, 90°Clockwise, 90°Anti-clockwise
HLC	Support
BLC	Support
Smart IR	Support
Defog	Digital defog
Intelligent	
ANPR	Up to 4 car lanes can be set: Support pedestrian, motor vehicle and non motor vehicle image capturing; Support recognizing car license plate more accurately by choosing different country/ region; Support attribute collection: plate number, vehicle type, vehicle color, vehicle brand
Supports Multiple Countries	EU: France, Spain, Portugal, Germany, UK, Ireland, Bulgaria, Latvia, Romania, Slovenia, Poland, Hungary, Serbia, Czech Republic, Slovakia, Bosnia and Herzegovina, Greece, Croatia, Ukraine, Lithuania, Georgia;
Capture Speed Range	≤ 120 km/h
Events	
Basic Detection	Motion detection, Audio detection, Tampering alarm
General Function	Watermark, IP Address Filtering, Access Policy, ARP Protection, RTSP Authentication, User Authentication, HTTP authentication, Alarm input, Alarm output
Audio	
Audio Compression	G.711U, G.711A
Audio Bitrate	128 kbps
Two-way Audio	Support
Suppression	Support
Sampling Rate	16kHz
Storage	
Edge Storage	MicroSD, up to 512 GB
Network Storage	ANR, NAS(NFS)
Network	
Protocols	IGMP, RTP, SMTP, IPv4, IPv6, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTSP, RTCP, RTMP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, 802.1x, SNMP, QoS, SSL/TLS, SSH
Compatible Integration	ONVIF (Profile S, Profile G, Profile T, Profile M), API, SDK
User/Host	Up to 32 users. 3 user levels: administrator, common user and operator

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, TLS 1.3
Client	Videosec Control Panel, Videosec Control Panel Pro, Guard Station
Web Browser	Plug-in required live view: IE 10+, Chrome 45+, Firefox 52+, Edge 79+
Interface	
Audio I/O	2 Input: impedance 1 k Ω , amplitude 2.5 V [p-p] 1 Output: impedance 600 Ω , amplitude 2.5 V [p-p]
Alarm I/O	3/2
Serial Port	1 $\times$ RS485
Built-in Mic	Support, built-in mic*2
Built-in Speaker	Support
Network	1 $\times$ RJ45 10 M/100 M/1000 M Base-TX Ethernet
Certification	
EMC	CE-EMC (EN 55032:2015+A11:2020+A1:2020, EN 61000-3-3:2013+A1:2019+A2:2021, EN IEC 61000-3-2: 2019+A1: 2021, EN 50130-4:2011+A1:2014) FCC (FCC CFR 47 part15 B, ANSI C63.4 2014)
Safety	EN IEC 62368-1:2020+A11:2020 UL (UL 62368-1, 2nd Ed., Issue Date: 2014-12-01)
Environment	CE-RoHS (2011/65/EU;(EU)2015/863); WEEE (2012/19/EU); Reach (Regulation (EC) No 1907/2006)
Protection	IP67 (IEC 60529:1989+AMD1:1999+AMD2:2013) IK10 (IEC 62262:2002)
General	
Power	DC12V($\pm$ 25%), PoE+ (IEEE 802.3at)
Power Consumption	Max 19W
Power Interface	$\varnothing$ 5.5 mm coaxial power plug
Dimensions	406 x 125 x 130mm
Weight	1.86kg
Working Environment	-40 $^{\circ}$ C $\sim$ 70 $^{\circ}$ C, Humidity: $\leq$ 95% RH (non-condensing)
Storage Environment	-40 $^{\circ}$ C $\sim$ 70 $^{\circ}$ C, Humidity: $\leq$ 95% RH (non-condensing)
Surge Protection	6 kV
Reset Button	Support
RTC	Support
Material	Sun shield: Plastic Front cover: Metal Body: Metal
Heater	Support

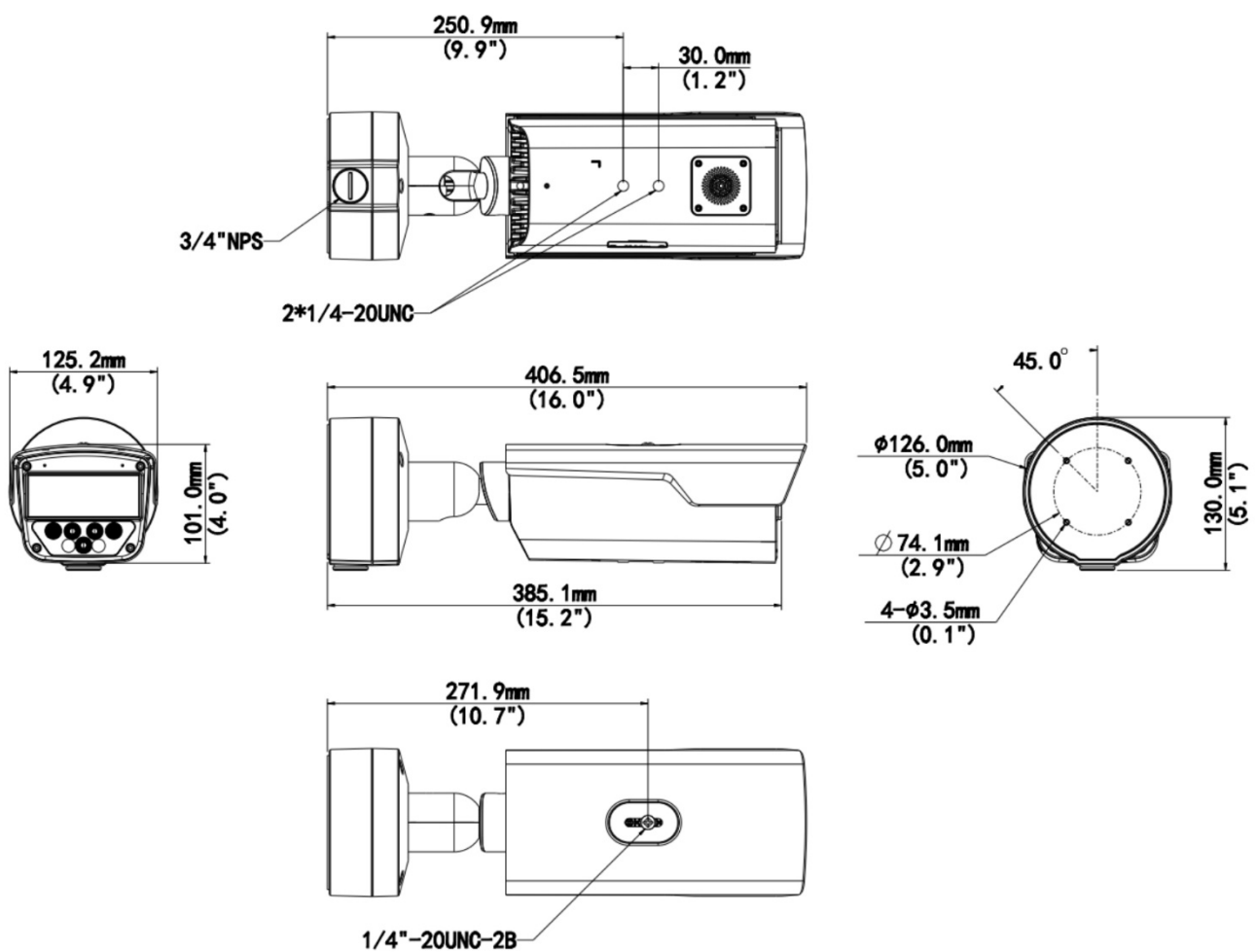
Live View

Maximum Bitstream	35
Maximum Bandwidth	50 Mbps
OSD Font	Vector
OSD Color	Support
OSD Character Number	40

Other

Corridor Mode	Support
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Dimensions



Accessories

TR-UP06-C-IN-V2

Pole Mounting Bracket



TR-UC08-C-V2

Corner Mounting Bracket



TR-UV06-A-IN

3D Adjustable Mounting Bracket



TR-UP06-IN

Universal Pole Mounting Bracket

