UN-IPC4-LPR

Uniview UNV 8MP LPR/ANPR Motorized Bullet IP Camera with 8-32mm Lens

Product Overview

Uniview UNV 8MP LPR/ANPR Motorized Bullet IP Camera with 8-32mm Lens, 8-32mm Motorized Varifocal (4x Optical Zoom) Lens, ANPR/LPR, Super LightHunter, Wise-ISP, 140 dB WDR, P-iris, 40 m illumination distance (Warm Light & IR), Ultra 265 / H.265 / H.264 / MJPEG Video Compression, Up to 8 areas ROI, Triple streams, Up to 8 areas Privacy mask, Up to 10 OSDs, 8MP (3840x2160) Max 60fps, 2D/3D DNR, HLC, BLC, ANPR, Up to 4 Car lanes can be Set, Basic detection, MicroSD up to 512GB, 3 / 2 Alarm I/O, 1x RS485 Serial Port, 2x Built-In Mic, Built-In Speaker, 1x RJ45 Gigabit Ethernet Network











Specifications

Overview Summary:

The Uniview UNV 8MP ANPR Motorised Bullet IP Camera (8-32mm) is engineered for advanced vehicle identification and traffic monitoring applications. With high-resolution 8MP imaging and intelligent ANPR capabilities, it captures clear licence plate data even on fast-moving vehicles, making it suitable for access control points, roadways, and gated environments.

Equipped with a motorised varifocal lens, 140dB WDR, and Super LightHunter image processing, this camera delivers reliable performance in challenging lighting conditions. Its IR and warm light illumination, combined with PoE support and rugged IP67/IK10 construction, ensures stable outdoor operation. Buy now to upgrade your surveillance system with intelligent, high-accuracy vehicle recognition designed for professional security environments in South Africa.

Performance tier: Enterprise-grade intelligent surveillance

Uses:highway monitoring, parking management, gated community access control, toll gate enforcement, fleet tracking, security perimeter monitoring

Overview:

Uniview 8MP LPR/ANPR Motorized Bullet IP Camera 8-32mm | IPS-HC268@HDX4-IR-I1
The Uniview IPS-HC268@HDX4-IR-I1 is an advanced 8MP LPR/ANPR motorized bullet IP camera built for intelligent traffic monitoring, vehicle access control, and licence plate recognition. Equipped with an 8-32mm motorized varifocal lens offering 4x optical zoom, it captures clear vehicle details and licence plates at speeds of up to 120km/h. Super LightHunter imaging, Wise-ISP technology, adjustable IR and warm light illumination, and 140dB Wide Dynamic Range ensure excellent performance in challenging lighting conditions. Built-in dual microphones, a speaker, edge storage up to 512GB, IP67 weather resistance, IK10 vandal protection, and PoE+ support make it an ideal solution for demanding outdoor security and traffic management installations.

Description:

The Uniview UN-IPC4-LPR is engineered for accurate automatic number plate recognition while delivering outstanding 8MP video quality. Designed for roads, entrances, parking facilities, and gated premises, it combines AI-powered imaging, intelligent recognition capabilities, flexible zoom adjustment, and robust environmental protection. With high frame rate recording, advanced video compression, built-in audio, alarm interfaces, and multiple storage options, it offers a reliable surveillance solution for professional vehicle monitoring applications.

Features:

Built for Intelligent Traffic Monitoring
Designed specifically for licence plate recognition, this camera accurately captures and recognises vehicle registration plates based on the configured country or region. It supports monitoring across up to four vehicle lanes, making it suitable for access control systems, parking management, industrial sites, logistics facilities, and public road surveillance.

The motorized 8-32mm varifocal lens allows installers to remotely adjust the viewing angle and zoom level, simplifying installation while providing optimal image framing for different road layouts.

Outstanding Image Performance
Powered by an advanced 1/1.8-inch CMOS sensor, the camera records ultra-high-definition 8MP video at up to 3840 x 2160 resolution and 60 frames per second. This combination delivers exceptional clarity, even when capturing fast-moving vehicles.

Super LightHunter technology, AI-powered Wise-ISP processing, and 140dB Wide Dynamic Range work together to produce balanced, detailed images in bright sunlight, strong backlighting, and low-light environments.

Reliable Day and Night Operation
Integrated infrared and warm light illumination provide dependable licence plate capture around the clock. Adjustable near and far lighting helps optimise performance across varying road conditions while reducing glare and improving recognition accuracy.

A built-in heater also assists with reliable startup during cold weather, making the camera suitable for year-round outdoor deployment.

Flexible Recording and Connectivity
With support for Ultra 265, H.265, H.264, and MJPEG compression, the camera reduces bandwidth and storage requirements without sacrificing image quality.

Built-in audio, alarm interfaces, RS485 connectivity, and onboard MicroSD recording enhance flexibility for professional surveillance installations.

Key Highlights

- Part Number / SKU: UN-IPC4-LPR
- 8MP 1/1.8-inch CMOS image sensor
- 3840 x 2160 resolution at up to 60fps
- 8-32mm motorized varifocal lens with 4x optical zoom
- Automatic Number Plate Recognition (ANPR/LPR)
- Supports monitoring of up to four traffic lanes
- Super LightHunter low-light technology
- AI-powered Wise-ISP image enhancement
- 140dB Wide Dynamic Range
- Adjustable infrared and warm light illumination up to 40m
- Ultra 265, H.265, H.264 and MJPEG compression
- Triple video streams
- Up to eight ROI areas
- Up to eight privacy mask areas
- Up to ten OSD overlays
- 2D and 3D digital noise reduction
- HLC and BLC image enhancement

- Built-in heater for low-temperature operation

Technical Information

- Sensor: 1/1.8-inch CMOS
- Maximum resolution: 3840 x 2160
- Maximum frame rate: 60fps
- Lens: 8-32mm motorized varifocal
- Optical zoom: 4x
- Illumination distance: Up to 40m with IR and warm light
- Video compression: Ultra 265, H.265, H.264, MJPEG
- Storage: MicroSD card support up to 512GB
- Audio: Dual built-in microphones and built-in speaker
- Alarm interfaces: 3 alarm inputs, 2 alarm outputs
- Serial communication: 1 x RS485
- Network: 1 x Gigabit RJ45 Ethernet
- Power: 12V DC or PoE+ (IEEE 802.3at)
- Environmental rating: IP67 weatherproof
- Impact protection: IK10 vandal resistant

The Uniview IPS-HC268@HDX4-IR-I1, supplied under Part Number UN-IPC4-LPR, provides professional-grade licence plate recognition with AI-enhanced imaging, flexible installation options, and dependable performance for vehicle monitoring, access control, parking facilities, and intelligent traffic surveillance.

Specifications:

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Specifications	
Product Code	UN-IPC4-LPR
Item	IPS-HC268@HDX4-IR-I1
Camera	
Max Resolution	8 MP
Sensor	1/1.8" CMOS
Min. Illumination	Colour:0.003 lux (F1.6, AGC ON)
	B/W:0.002 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: 0degrees to 360degrees
	Tilt: 0degrees to 90degrees
	Rotate: 0degrees to 360degrees
S/N	>56 dB

Case Type	Bullet
Lens	
Focal Length	8 to 32 mm
Digital Zoom	16X
Optical Zoom	4X
Iris	F1.6
Field of View (H)	42degrees to 15.3degrees
Field of View (V)	22.6degrees to 8.8degrees
Field of View (D)	51.7degrees to 18.1degrees
Iris Type	P-iris
DORI	
DORI Distance (Detect)	240.3m(788.4ft)~644.4m(2114.2ft)
DORI Distance (Observe)	96.1m(315.4ft)~257.8m(845.7ft)
DORI Distance (Recognize)	48.1m(157.7ft)~128.9m(422.8ft)
DORI Distance (Identify)	24.0m(78.8ft)~64.4m(211.4ft)
Illuminator	
Illumination Distance (Warm Light)	40 m (131.2 ft.)
Light On/Off Control	Auto/Manual
Illumination Distance (IR)	40 m (131.2 ft.)
Wavelength	850 nm
Video	
Video Compression	Ultra 265, H.265, H.264, MJPEG
Video Bit Rate	128 Kbps to 16 Mbps
U-code	Support
ROI	Up to 8 areas
Video Stream	Triple streams
Privacy Mask	Up to 8 areas (8 blacks / 8 mosaics)
OSD	Up to 10 OSDs
Frame Rate-Main Stream	8MP(3840*2160), Max 60fps
Frame Rate-Sub Stream	2MP(1920*1080), Max 60fps
Frame Rate-Third Stream	D1 (720*576), Max 60fps
Frame Rate Recommendation	3840*2160@60fps+1080P@60fps+D1@60fps
Image	
White Balance	Auto,Outdoor,Fine Tune,Sodium Lamp,Locked,Auto2
Digital Noise Reduction	2D/3D DNR
Flip	Normal,Flip Vertical,Flip Horizontal,180degrees,90degreesClockwise,90degreesAnti-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 and attribute collection
Supports Multiple Countries	North America: United States, Canada , South America: Mexico, Brazil , 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 , Asia Pacific: South Korea, Indonesia, Malaysia, Singapore, Viet Nam, Bangladesh, India, Nepal, Philippines, Thailand, Cambodia , Middle East: Iraq, Saudi Arabia, United Arab Emirates, Egypt, Qatar, Tunisia, Yemen , Kuwait, Oman, Bahrain , Middle Asia: Kazakhstan, Kyrgyzstan, Tajikistan, Uzbekistan, Turkmenistan
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, SMTP, IPv6, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTSP, DNS, DDNS, NTP, UPnP, HTTP, 802.1x, SNMP, QoS, SSL/TLS, SSH, IPv4, RTP, RTCP, RTMP, HTTPS
Compatible Integration	API,SDK,ONVIF (Profile S, Profile G, Profile T)
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	EZStation, UNV-Link, UNV-Link Pro
Web Browser	Plug-in required live view: IE 10+, Chrome 45+, Firefox 52+, Edge 79+
PTZ	

Home Position	Support
Number of Presets	1024
Interface	
Audio I/O	2 Input: impedance 1 kohm, amplitude 2.5 V [p-p], 1 Output: impedance 600 ohm, amplitude 2.5 V [p-p]
Alarm I/O	3/2
Serial Port	1 x RS485
Built-in Mic	Support, built-in mic*2
Built-in Speaker	Support
Network	1 x 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(+/-25%) , PoE+ (IEEE 802.3at)
Power Consumption	Max 18W
Power Interface	Ø5.5 mm coaxial power plug
Dimensions	406 x 125 x 130mm(16.0" x 4.9" x 5.1")
Weight	1.86Kg(4.10lb)
Working Environment	-40degreesC ~ 70degreesC (-40degreesF ~ 158degreesF), Humidity: <=95% RH (non-condensing)
Storage Environment	-40degreesC ~ 70degreesC (-40degreesF ~ 158degreesF), Humidity: <=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
Configurable	
P/N	Support

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page:
https://www.comx-computers.co.za/UN-IPC4-LPR-Uniview-UNV-8MP-LPR-ANPR-Motorized-Bullet-IP-Camera-with-8-32mm-Lens-p-338412.php

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