

UN-IPC6324LWH-AX5C-VG2

Uniview 4MP 5x Wise-ISP Tri-Guard Warm Light Network PTZ camera with 2.7-13.5mm Motorized (5x Zoom)

Product Overview

Uniview 4MP 5x Wise-ISP Tri-Guard Warm Light Network PTZ camera with 2.7-13.5mm Motorized (5x Zoom), PTZ, OwlView, Tri-Guard, ColorHunter, Wise-ISP, Warm Light (40m), 120dB WDR, Up to 4 areas Privacy mask, 4MP 2688x1520 Max 30 fps, Ultra 265, H.265, H.264, MJPEG Video Compression, Triple streams, Up to 8 OSDs, Auto Tracking, Smart intrusion prevention, 2D, 3D DNR, HLC, BLC, Basic detection, MicroSD up to 512GB, 1/1 Audio I/O, 1/1 Alarm I/O, 1x RJ45 10M/100M Base-TX Ethernet Network, IP66 protection



Specifications

Overview Summary:

The Uniview UN-IPC6324LWH-AX5C-VG2 is a professional 4MP PTZ network camera built for reliable indoor and outdoor surveillance. Featuring a 5X motorised optical zoom lens, ColorHunter with Wise-ISP technology, auto tracking, and smart intrusion prevention, it delivers sharp full-colour video even in challenging low-light conditions. With IP66 weather protection, PoE support, built-in microphone and speaker, and support for MicroSD storage up to 512GB, it is an excellent choice for demanding security installations.

Whether you are upgrading a business, warehouse, office, estate, or industrial security system, this Uniview PTZ camera

provides intelligent monitoring and flexible coverage. Buy now for dependable surveillance performance or shop now for a professional-grade IP security solution in South Africa.

Performance tier:Professional

Uses:Commercial security, warehouse surveillance, office monitoring, industrial sites, perimeter protection, parking areas, estates, retail security, outdoor surveillance

Overview:

4MP 5x Wise-ISP Tri-Guard Warm Light Network PTZ Camera

The Uniview UN-IPC6324LWH-AX5C-VG2 is a high-performance 4MP PTZ network camera designed for professional surveillance in demanding indoor and outdoor environments. Equipped with a 1/1.8-inch CMOS sensor, 5x motorized optical zoom, and advanced Wise-ISP technology, it delivers outstanding image quality with vibrant colour reproduction and exceptional detail, even in extremely low-light conditions.

Built with OwlView, ColorHunter, and Tri-Guard technologies, this intelligent security camera provides proactive protection through smart intrusion detection, automatic tracking, and warm light illumination up to 40 metres. Its weather-resistant IP66-rated housing makes it suitable for a wide range of commercial, industrial, and residential security applications.

Description:

The Uniview UN-IPC6324LWH-AX5C-VG2 combines intelligent AI analytics, advanced low-light imaging, and PTZ flexibility to deliver reliable security around the clock. Featuring 4MP resolution, 5x optical zoom, auto tracking, built-in audio, warm light illumination, and efficient Ultra 265 compression, this camera is ideal for monitoring entrances, parking areas, warehouses, business premises, and other locations where accurate detection and detailed video evidence are essential.

Features:

Why Choose This PTZ Security Camera

Designed for users who need both intelligent monitoring and flexible coverage, this network PTZ camera provides powerful AI detection with high-quality imaging and responsive pan, tilt, and zoom functionality.

Key advantages include:

- 4MP resolution with up to 2688 x 1520 at 30fps
- 5x motorized optical zoom with a 2.7-13.5mm lens
- OwlView, ColorHunter and Wise-ISP technologies for exceptional low-light performance
- Tri-Guard active deterrence with warm light illumination
- Smart auto tracking to follow moving targets
- Intelligent intrusion prevention with false alarm filtering
- Built-in microphone and speaker for two-way audio capability
- IP66 weatherproof housing for dependable outdoor operation

Advanced Low-Light Performance

Night-time monitoring is significantly improved through the combination of Wise-ISP and ColorHunter technologies. These advanced imaging systems optimise colour accuracy, reduce motion smear, and preserve fine image detail where conventional cameras typically struggle.

The integrated warm light can illuminate subjects up to 40 metres away, producing clear full-colour footage after dark while also acting as a visible deterrent.

AI Detection and Intelligent Protection

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The camera uses advanced AI-powered analytics to improve detection accuracy while reducing unnecessary alerts.

Supported intelligent functions include:

- Cross line detection
- Intrusion detection
- False alarm filtering
- Auto tracking
- Basic motion detection
- Up to four privacy masking areas

These capabilities help security operators focus on genuine events instead of routine environmental movement.

Video Quality and Compression

High-resolution video is supported while keeping storage requirements efficient through multiple compression formats.

Supported formats include:

- Ultra 265
- H.265
- H.264
- MJPEG
- Triple video streams
- Maximum resolution of 2688 x 1520 at 30fps
- 16:9 aspect ratio

Wide Dynamic Range of up to 120dB also helps maintain clear images in scenes containing both bright sunlight and deep shadows.

Audio, Storage and Connectivity

The camera offers flexible integration into modern IP surveillance systems while supporting local recording for additional redundancy.

Technical highlights:

- Built-in microphone and speaker
- 1 audio input and 1 audio output
- 1 alarm input and 1 alarm output
- MicroSD card support up to 512GB
- RJ45 10/100Mbps Ethernet connection
- Supports DC 12V or PoE (IEEE 802.3at)

Technical Summary

Model: UN-IPC6324LWH-AX5C-VG2

Key technical details:

- 4MP 1/1.8-inch CMOS image sensor
- 2.7-13.5mm motorized lens
- 5x optical zoom
- PTZ functionality
- OwlView imaging technology
- ColorHunter technology

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- Wise-ISP image optimisation
- Tri-Guard active deterrence
- Warm light illumination up to 40m
- 120dB Wide Dynamic Range
- 2D and 3D Digital Noise Reduction
- HLC and BLC image enhancement
- Triple video streams
- Up to 8 OSD overlays
- IP66 weather-resistant enclosure

Specifications:

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Specifications	
Product Code	UN-IPC6324LWH-AX5C-VG2
Item	IPC6324LWH-AX5C-VG2
Camera	
Sensor	1/1.8" CMOS
Min. Illumination	Color: 0.0005 Lux (F1.2, AGC ON)
Shutter	Auto/Manual, 1 to 1/100000 s
WDR	120 dB
S/N	>56 dB
Lens	
Focal Length	2.7 to 13.5 mm
Optical Zoom	5X
Field of View (H)	113.69degrees to 50.29degrees
Field of View (V)	59.46degrees to 28.45degrees
Field of View (D)	156.23degrees to 59.34degrees
DORI	
DORI Distance (Lens)	2.7 to 13.5 mm
DORI Distance (Detect)	98.6 m to 209.9 m (323.3 ft. to 688.7 ft)
DORI Distance (Observe)	39.4 m to 84.0 m (129.3 ft. to 275.5 ft)
DORI Distance (Recognize)	19.7 m to 42.0 m (64.7 ft. to 137.7 ft)
DORI Distance (Identify)	9.9 m to 21.0 m (32.3 ft. to 68.9 ft)
Video	
Privacy Mask	Up to 4 areas

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Frame Rate-Main Stream	4 MP (2560 x 1440)@25 fps (Default)
	4 MP (2688 x 1520), max. 30 fps
	4 MP (2560 x 1440), max. 30 fps
Video Compression	Ultra 265, H.265, H.264, MJPEG
Video Bit Rate	128 Kbps to 6144 Kbps
U-code	Support
ROI	Support
Video Stream	Triple streams
OSD	Up to 8 OSDs
Intelligent	
Auto Tracking	Support, target filtering: human only
Smart Intrusion Prevention	Support false alarm filtering: cross Line detection, intrusion detection (based on human body and vehicle detection)
Image	
White Balance	Auto, Outdoor, Fine tune, Sodium lamp, Locked, Auto2
Digital Noise Reduction	2D/3D DNR
Flip	Normal, Flip vertical, Flip horizontal, 180degrees
HLC	Support
BLC	Support
Defog	Digital defog
Illuminator	
Light On/Off Control	Auto/Manual
Illumination Distance (Warm Light)	40 m
Events	
Basic Detection	Motion detection, Audio detection, Tampering alarm
Motion Detection	Support
Tampering Detection	Support
Audio Detection	Support
General Function	Watermark, IP address filtering, Access policy, ARP protection, RTSP authentication, User authentication
UMD (Ultra Motion Detection)	Support
Audio	
Audio Compression	G.711U, G.711A
Audio Bitrate	128 Kbps
Two-way Audio	Support
Suppression	Support
Sampling Rate	8 kHz, 16 kHz

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Storage	
Edge Storage	MicroSD, up to 512 GB
Network	
Protocols	TLS1.3, SSH, IGMP, RTP, RTCP, SMTP, IPv4, IPv6, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTSP, RTMP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, 802.1x, SNMP, QoS, SSL/TLS
Compatible Integration	ONVIF (Profile S, Profile G, Profile T), API
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	EZStation, EZLive, EZView
Web Browser	Plug-in required live view: IE 10 and above, Chrome 45 and above, Firefox 52 and above, Edge 79 and above
PTZ	
Number of Presets	1024
Preset Patrol	16 patrols, up to 64 presets for each patrol
Patrol Stay Time	120 s to 1800 s
Home Position	Support
Number of Presets (IPC)	1024
Pan Range	0degrees to 345degrees
Tilt Range	-10degrees to 100degrees
Pan Speed	1degrees/s to 50degrees/s
Tilt Speed	1degrees/s to 40degrees/s
Number of Patrol	16
Interface	
Audio I/O	1 Input: impedance 1 kohm, amplitude 2.5 V [p-p], 1 Output: impedance 600 ohm, amplitude 2.5 V [p-p]
Alarm I/O	1/1
Built-in Mic	Support
Built-in Speaker	Support
Network	1 x RJ45 10 M/100 M Base-TX Ethernet
Certification	
EMC	CE-EMC (EN 55032 , EN IEC 61000-3-2 , EN 61000-3-3 , EN 50130)
	FCC SDoC (47 CFR Part 15 , Subpart B)
Safety	UL (UL 62368-1)
	CUL (CAN/CSA C22.2 No. 62368-1)
	CE-LVD (EN IEC 62368-1)
Environment	CE-ROHS (2011/65/EU , (EU)2015/863)
Protection	IP66 (IEC 60529)

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General	
Power	DC 12 V+/-25%, PoE (IEEE 802.3at)
Power Consumption	<= 25.4 W
Weight	1.33 kg (2.93 lb)
Working Environment	-30 degreesC to 60 degreesC (-22 degreesF to 140 degreesF), Humidity: <= 95% RH (non-condensing)
Storage Environment	-40 degreesC to 70 degreesC (-40 degreesF to 158 degreesF), Humidity: <= 95% RH (non-condensing)
Surge Protection	2 KV
Reset Button	Support
Material	Metal
Heater	Support
Web Client Language	22 Languages: Traditional Chinese, English, Simplified Chinese, Polish, German, Russian, French, Korean, Dutch, Czech, Portuguese (Europe), Portuguese (Brazil), Japanese, Thai, Turkish, Spanish (Latin America), Spanish (Europe), Hungarian, Italian, Vietnamese, Arabic, Slovak
Live View	
Maximum Bitstream	35
OSD Color	Support
OSD Character Number	40

Product Information Online

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

Product page: <https://www.comx.co.za/UN-IPC6324LWH-AX5C-VG2-Uniview-4MP-5x-Wise-ISP-Tri-Buy-p-338382.php>

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