UN-IPC3618LE-ADF28KC-DL

Uniview 8MP ColorHunter Fixed Dual-light Turret Network Camera with 2.8mm fixed lens

Product Overview

Uniview 8MP ColorHunter fixed Dual-Light Turret Network camera with 2.8mm fixed Lens, 30m Dual Light (IR + Warm Light), 120 dB WDR, Ultra 265 / H.265 / H.264 / MJPEG Video Compression, 8MP 3840x2160 Max 20 fps, Up to 4 OSDs, Up to 4 areas Privacy mask, Support ROI, Dual streams, 2D/3D DNR, Basic detection, MicroSD up to 512GB, 1x RJ45 10M/100M Base-TX Ethernet Network







Specifications

Overview Summary:

The Uniview 8MP ColorHunter Dual-Light Turret Network Camera delivers ultra-high-definition video with intelligent dual-light technology for clear monitoring day and night. Featuring a 2.8mm fixed lens, PoE support, built-in microphone and speaker, IP67 weather protection, and support for up to 512GB microSD storage, it is a dependable solution for residential, commercial, and industrial surveillance.

Designed for reliable performance in South African environments, this network camera provides advanced image quality, wide dynamic range, and efficient video compression for reduced bandwidth and storage usage. Buy now to upgrade your security system with a high-performance surveillance camera, or shop now for dependable protection.

Performance tier: High-End

Uses: Home security, business surveillance, warehouse monitoring, office security, retail monitoring, perimeter protection, parking area surveillance, commercial CCTV installations

Overview:

Uniview 8MP ColorHunter Fixed Dual-Light Turret Network Camera
The Uniview IPC3618LE-ADF28KC-DL is a professional 8MP network turret camera designed to deliver outstanding image quality in both daytime and low-light environments. Combining ColorHunter technology with dual-light illumination, this IP security camera captures vibrant colour images while intelligently switching between infrared and warm light for reliable surveillance. Its durable IP67-rated housing, built-in microphone and speaker, and PoE support make it an excellent choice for residential, commercial, retail, office, and industrial security installations.

Description:

The Uniview UN-IPC3618LE-ADF28KC-DL combines ultra-high-definition 8MP video, intelligent dual-light technology, and advanced image processing to provide dependable 24-hour surveillance. Equipped with a fixed 2.8mm lens, ColorHunter technology, true 120 dB WDR, built-in audio, and support for MicroSD storage up to 512GB, this camera delivers clear, detailed footage while remaining easy to install using a single PoE network connection.

The IPC3618LE-ADF28(40)KC-DL

8MP ColorHunter Fixed Dual-Light Turret Network Camera

- High quality image with 8 MP, 1/2.8-inch CMOS sensor
- 8 MP (3840 x 2160) at 20 fps; 5 MP (3072 x 1728) at 30/25 fps; 4 MP (2560 x 1440) at 30/25 fps; 1080P (1920 x 1080) at 30/25 fps
- Ultra 265, H.265, H.264 and MJPEG video compression
- 120 dB true WDR technology enables clear images in challenging lighting conditions
- Supports 9:16 corridor mode
- Built-in microphone and speaker
- Smart IR with up to 30 metres of night vision
- MicroSD card support up to 512GB
- IP67 weatherproof protection
- PoE power supply support
- 3-axis adjustable mounting

Features:

Outstanding 8MP Ultra HD Video
Capture highly detailed surveillance footage with an advanced 1/2.8-inch CMOS sensor delivering up to 3840 x 2160 resolution. The camera provides excellent clarity for identifying people, vehicles, and important events while maintaining smooth performance across multiple supported resolutions.

Reliable Day and Night Surveillance
ColorHunter technology works alongside intelligent dual-light illumination to produce vivid colour images in low-light conditions. Smart IR extends night vision up to 30 metres while warm light enhances colour accuracy whenever additional illumination is required.

Enhanced Image Performance
Advanced imaging technologies ensure consistent video quality across varying lighting environments. True Wide Dynamic

Range reduces overexposed highlights and dark shadows, while digital noise reduction improves clarity in low-light scenes.

Key imaging technologies include:

- 120 dB True WDR
- 2D and 3D Digital Noise Reduction
- Smart IR illumination
- Dual-light technology
- Region of Interest (ROI) support
- Privacy masking with up to four configurable areas

Efficient Video Compression
Support for multiple compression standards helps reduce bandwidth and storage requirements without sacrificing image quality. Ultra 265 technology maximises storage efficiency, making the camera ideal for continuous recording.

Supported formats:

- Ultra 265
- H.265
- H.264
- MJPEG

Built for Professional Security Systems
The camera integrates easily into modern IP surveillance installations with dual-stream capability, onboard storage, Ethernet connectivity, and Power over Ethernet support. The built-in microphone and speaker add two-way audio capability for enhanced monitoring.

Connectivity and storage:

- 1 x RJ45 10M/100M Base-TX Ethernet port
- Dual video streams
- Built-in microphone
- Built-in speaker
- MicroSD card support up to 512GB
- PoE support

Flexible Installation Options
The compact turret design includes 3-axis adjustment for easy positioning during installation. An IP67-rated enclosure protects the camera against dust and water, making it suitable for both indoor and outdoor environments.

Technical Details

- Resolution: 8MP (3840 x 2160)
- Maximum frame rate: 20 fps at 8MP
- Image sensor: 1/2.8-inch CMOS
- Lens: Fixed 2.8mm
- Night vision: Dual-light with IR and warm light up to 30m
- Video compression: Ultra 265, H.265, H.264, MJPEG
- Wide Dynamic Range: 120 dB True WDR
- Corridor Mode: 9:16 supported
- Privacy masking: Up to 4 areas
- On-screen display: Up to 4 OSDs
- Detection: Basic detection

- Noise reduction: 2D and 3D DNR
- Storage: MicroSD up to 512GB
- Protection rating: IP67
- Power: PoE supported
- Network: 1 x RJ45 10M/100M Base-TX Ethernet

Ideal Applications

The Uniview UN-IPC3618LE-ADF28KC-DL is well suited for a wide variety of surveillance environments, including:

- Residential properties
- Retail stores
- Warehouses
- Office buildings
- Schools
- Commercial facilities
- Parking areas
- Industrial sites

Whether you are expanding an existing CCTV installation or deploying a new IP surveillance system, the Part Number UN-IPC3618LE-ADF28KC-DL provides dependable 8MP video quality, intelligent dual-light operation, advanced compression, and flexible installation for reliable security around the clock.

Specifications:

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Specifications	
Product Code	UN-IPC3618LE-ADF28KC-DL
Item	IPC3618LE-ADF28KC-DL
Camera	
Max Resolution	8 MP
Sensor	1/2.8" CMOS
Min. Illumination	Color: 0.005 Lux (F1.6, AGC ON), 0 Lux with light
Day/Night	IR-cut filter with auto switch (ICR)
Shutter	Auto/Manual, 1 ~ 1/100000s
Adjustment Angle	Pan: 0degrees to 360degrees, Tilt: 0degrees to 90degrees, Rotate: 0degrees to 360degrees
S/N	>56 dB
WDR	120 dB
Lens	
Focal Length	2.8 mm
Iris Type	Fixed
Iris	F1.6
Field of View (H)	98.7degrees

Field of View (V)	53.9degrees
Field of View (D)	103.6degrees
Lens Type	Fixed
DORI	
DORI Distance (Lens)	2.8 mm
DORI Distance (Detect)	87.0 m (285.3 ft.)
DORI Distance (Observe)	34.8 m (114.2 ft.)
DORI Distance (Recognize)	17.4 m (57.1 ft.)
DORI Distance (Identify)	8.7 m (28.5 ft.)
Illuminator	
Supplemental Light	Dual light
Illumination Distance (IR)	30 m (98.4 ft)
Illumination Distance (Warm Light)	30 m (98.4 ft)
Wavelength	850 nm
Light On/Off Control	Auto/Manual
Video	
Video Compression	Ultra 265, H.265, H.264, MJPEG
H.264 Code Profile	Baseline profile, Main profile, High profile
Frame Rate	Main Stream: 8 MP (3840 x 2160), max. 20 fps , 5 MP (3072 x 1728), max. 30 fps , 4 MP (2560 x 1440), max. 30 fps , 1080P (1920 x 1080), max. 30 fps , 720P (1280 x 720), max. 30 fps
	Sub Stream: 1080P (1920 x 1080), max. 30 fps , 720P (1280 x 720), max. 30 fps , D1 (720 x 576), max. 30 fps , 640 x 360, max. 30 fps , 2CIF (704 x 288), max. 30 fps , CIF (352 x 288), max. 30 fps
Video Bit Rate	128 Kbps to 16 Mbps
U-code	Support
OSD	Up to 4 OSDs
Privacy Mask	Up to 4 areas
ROI	Support
Video Stream	Dual streams
Image	
White Balance	Auto, Outdoor, Fine tune, Sodium lamp, Locked, Auto2
Digital Noise Reduction	2D/3D DNR
Smart IR	Support
Flip	Normal, Flip vertical, Flip horizontal, 180degrees, 90degrees Clockwise, 90degrees Anti-clockwise
Dewarping	N/A
HLC	Support

BLC	Support
Defog	Digital defog
Image Stabilization	N/A
Events	
Basic Detection	Cross line (based on human body detection), Intrusion (based on human body detection), Motion detection, Ultra motion detection, Tampering alarm, Audio detection
General Function	Watermark, IP address filtering, Access policy, ARP protection, RTSP authentication, User authentication, HTTP authentication
Audio	
Audio Compression	G.711U, G.711A
Audio Bitrate	64 Kbps
Two-way Audio	Support
Suppression	Support
Sampling Rate	8 kHz
Storage	
Edge Storage	MicroSD, up to 512 GB
Network Storage	ANR, NAS (NFS)
Network	
Protocols	IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, RTP, RTSP, RTCP, RTMP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, SSL/TLS, SNMP, QoS
Compatible Integration	ONVIF (Profile S, Profile G, Profile T), 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
Client	EZStation, APP
Web Browser	Plug-in required live view: IE 10+, Chrome 45+, Firefox 52+, Edge 79+, Plug-in free live view: Chrome 57+, Firefox 58+, Edge 16+
Interface	
Audio I/O	N/A
Alarm I/O	N/A
Serial Port	N/A
Built-in Mic	Support
Built-in Speaker	Support
WIFI	N/A
Network	1 x RJ45 10 M/100 M Base-TX Ethernet
Video Output	N/A
Certification	

EMC	CE-EMC (EN 55032, EN 61000-3-3, EN IEC 61000-3-2, EN 50130)
	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)
General	
Power	DC 12 V+/-25%, PoE (IEEE 802.3af)
Power Consumption	Max. 5.2 W(without speaker)
Power Interface	Ø5.5 mm coaxial power plug
Dimensions	Ø118 mm x 96 mm (Ø4.6" x 3.8") (Ø x H)
Weight	0.32 kg (0.71 lb)
Material	Metal + Plastic
Working Environment	-30 degreesC to 60 degreesC (-22 degreesF to 140 degreesF), Humidity: <= 95% RH (non-condensing)
Storage Environment	-30 degreesC to 60 degreesC (-22 degreesF to 140 degreesF), Humidity: <= 95% RH (non-condensing)
Surge Protection	4 KV
Reset Button	Support
Web Client Language	4 Languages: English, Russian, Spanish, Vietnamese

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-IPC3618LE-ADF28KC-DL-Uniview-8MP-ColorHunter-Fixed-Dual-light-Turret-Network-Camera-p-338417.php

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