Lighthunter Products

IPC2324SS-DZK
4MP Vandal-resistant VF Network Bullet Camera

· 1/3"progressive scan CMOS
· 4MP (2688*1520) @ 30 fps
· Color: 0.002 Lux @ (F1.35, AGC ON)
· 2.7~ 13.5mm, Motorized
· Audio I/O, Alarm I/O
· Smart Functions
· IP67 & IK10

IPC3234SS-DZK
4MP Vandal-resistant VF Network Dome Camera

· 1/3"progressive scan CMOS
· 4MP (2688*1520) @ 30 fps
· Color: 0.002 Lux @ (F1.35, AGC ON)
· 2.7~ 13.5mm, Motorized
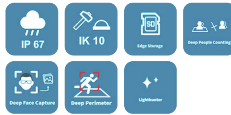· Audio I/O, Alarm I/O
· Smart Functions
· IP67 & IK10

IPC2A22SA-DZK
2MP Deep Learning VF Network Bullet Camera

· 1/2.8"progressive scan CMOS
· 2MP (1920*1080) @ 30 fps
· Color: 0.001 Lux @ (F1.35, AGC ON)
· 2.7~ 13.5mm, Motorized
· Audio I/O, Alarm I/O
· Deep learning
· IP67 & IK10

IPC3632SA-ADZK
2MP Deep Learning VF Network Turret Camera

· 1/2.8"progressive scan CMOS
· 2MP (1920*1080) @ 30 fps
· Color: 0.001 Lux @ (F1.35, AGC ON)
· 2.7~ 13.5mm, Motorized
· Built-in mic
· Deep learning
· IP67 & IK10

IPC264SA-DZK
4MP Deep Learning VF Network Bullet Camera

· 1/1.8"progressive scan CMOS
· 4MP (2688*1520) @ 30 fps
· Color: 0.0005 Lux @ (F1.2, AGC ON)
· 2.8~ 12mm, Motorized
· Audio I/O, Alarm I/O(2/1)
· Deep learning
· IP67 & IK10

IPC3234SA-DZK
4MP Deep Learning VF Network Dome Camera

· 1/1.8"progressive scan CMOS
· 4MP (2688*1520) @ 30 fps
· Color: 0.0005 Lux @ (F1.2, AGC ON)
· 2.8~ 12mm, Motorized
· Audio I/O, Alarm I/O
· Deep learning
· IP67 & IK10
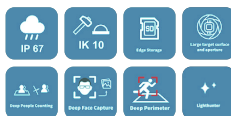
IPC6858SR-X38UP-VC
4K Deep Learning Network PTZ Dome Camera

· 1/1.8"progressive scan CMOS
· 8MP (3840*2160) @ 30 fps
· Color: 0.003 Lux @ (F1.5, AGC ON)
· 5.7 ~ 216.6mm, 38X Optical Zoom
· Audio I/O, Alarm I/O(2/1)
· Deep learning
· IR range: Up to 250m
· IP66

IPC7622EL-X55UG
2MP 55x Laser IR Network Positioning System

· 1/2.8"progressive scan CMOS
· 2MP (1920×1080) @ 60 fps
· Color: 0.003 Lux @ (F1.8, AGC ON)
· 6.4~352mm, 55X Optical Zoom
· Audio I/O, Alarm I/O(7/2)
· Support automatic wiper function
· Tilt -45°~90°
· VF Laser: Up to 1000m
· IP66

Application Scenarios

Parking Lot

Campus

Apartment

Airport

www.uniview.com

UNV

Better Security, Better World

light than your eyes can capture

LIGHTHUNTER

Background and Development

Most crimes happen at night because the dark environment provides convenient conditions for criminals. Useful information about vehicles and suspect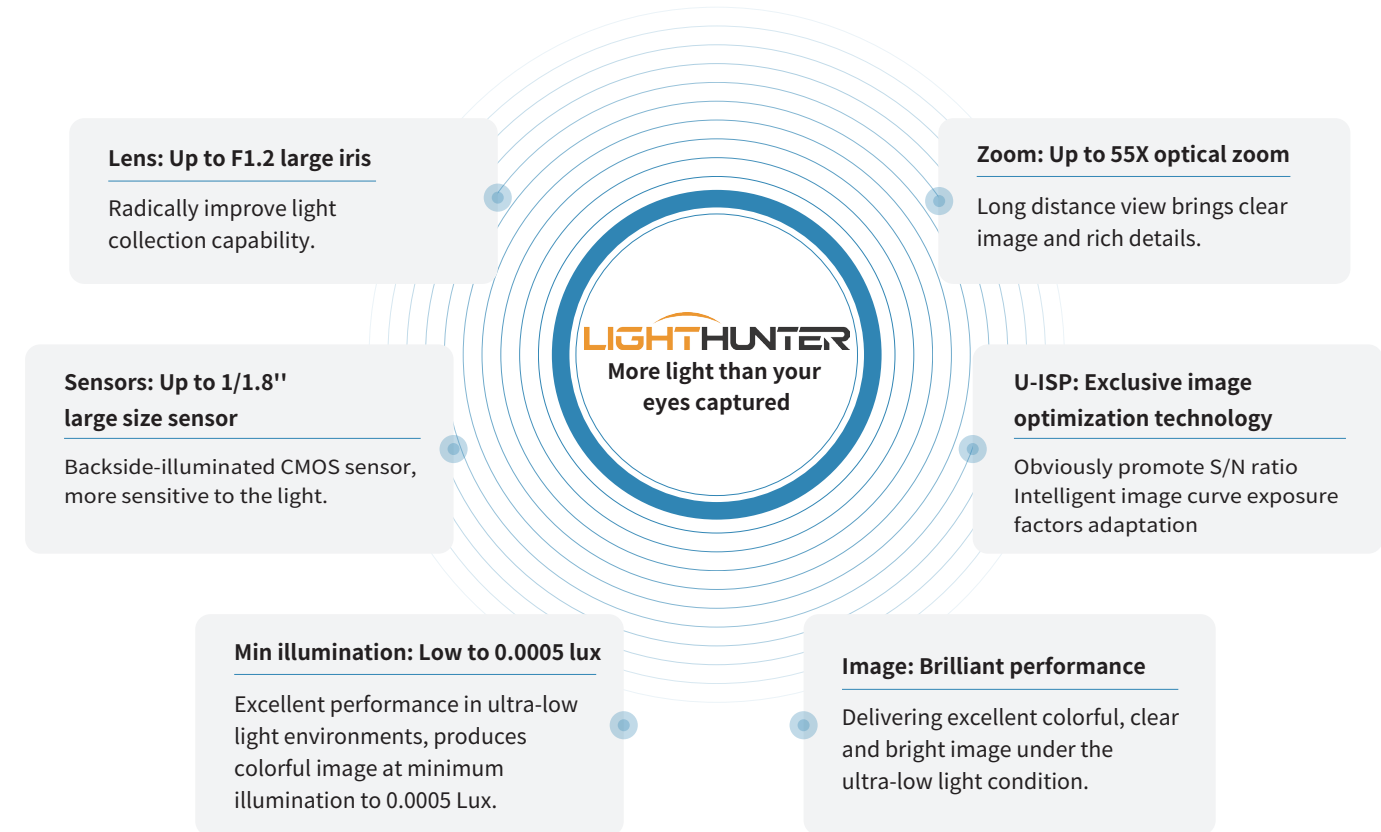s, such as plate number, color, and brand of a vehicle; facial features, hair color, height, and clothing color of a suspect may bring important clues to the police or other people in need. Traditional cameras use IR mode to improve the image solutions in the low light, however, we can't get the color information from the images.

Since a long time ago, Uniview has striven to research a new technology to deliver colorful and clear images in the extremely low light environment. Now, LightHunter technology is available, delivering brilliant brightness and color with extremely clear and clean images.
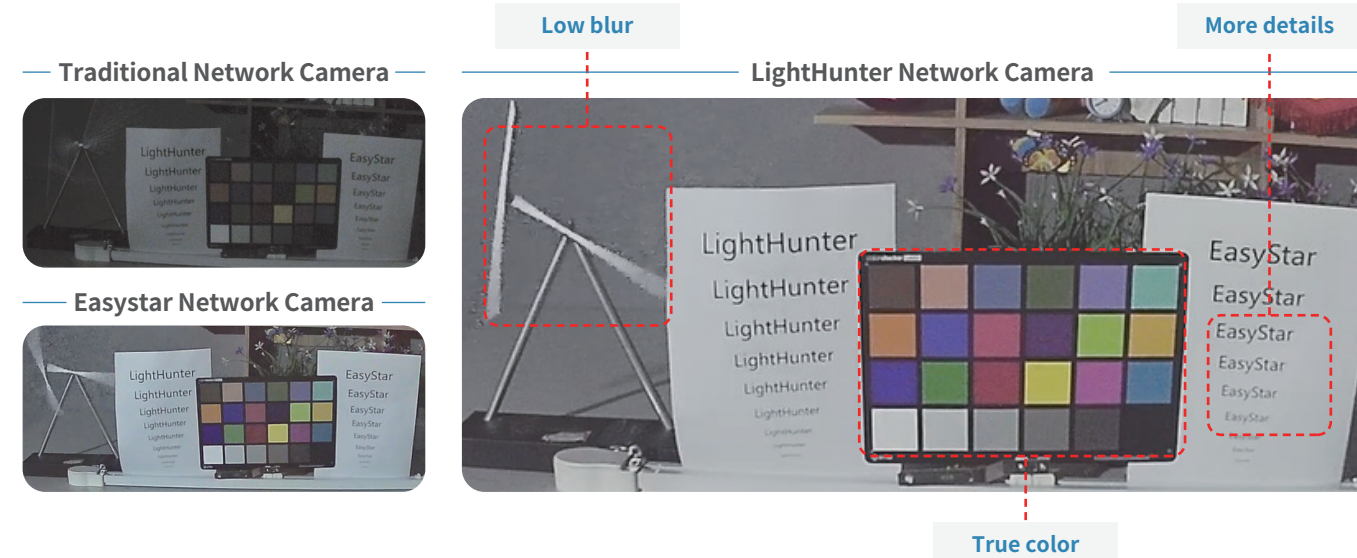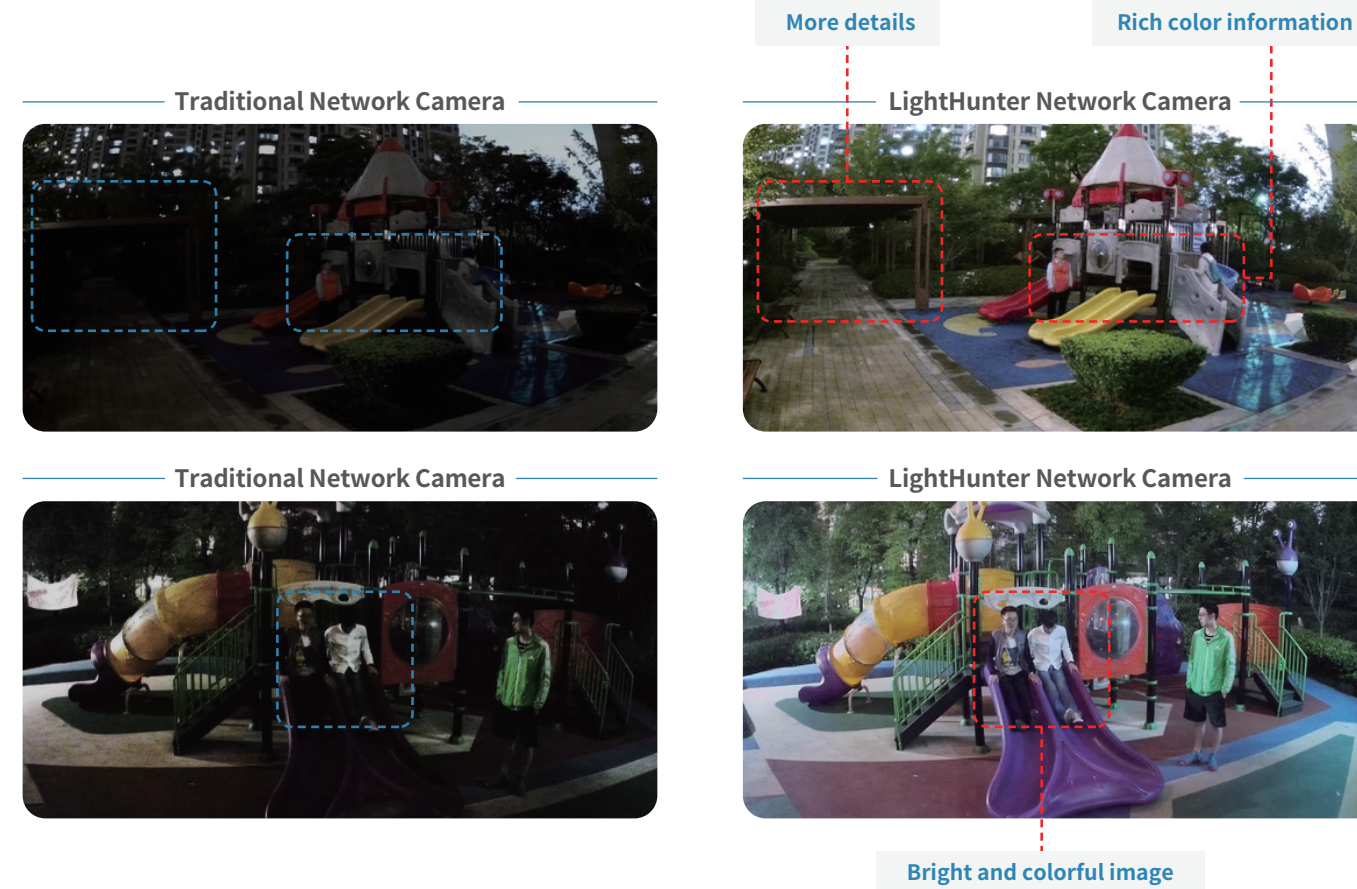
Traditional Network Camera | Powered by LightHunter

Technical features

LIGHTHUNTER
More light than your eyes captured

Lens: Up to F1.2 large iris
Radically improve light collection capability.

Zoom: Up to 55X optical zoom
Long distance view brings clear image and rich details.

Sensors: Up to 1/1.8'' large size sensor
Backside-illuminated CMOS sensor, more sensitive to the light.

U-ISP: Exclusive image optimization technology
Obviously promote S/N ratio Intelligent image curve exposure factors adaptation

Min illumination: Low to 0.0005 lux
Excellent performance in ultra-low light environments, produces colorful image at minimum illumination to 0.0005 Lux.

Image: Brilliant performance
Delivering excellent colorful, clear and bright image under the ultra-low light condition.

Image Performance

Indoor image performance
Clear and colorful images with low blur

Traditional Network Camera

Easystar Network Camera

Low blur | More details | LightHunter Network Camera

True color

Outdoor image performance
LightHunter technology delivers colorful, bright and clear images in the ultra-low light environment

Traditional Network Camera | More details | Rich color information | LightHunter Network Camera

Traditional Network Camera | LightHunter Network Camera

Bright and colorful image

Deep Learning

Powered by deep learning, easy target classification

UNV deep learning algorithm did a great number of training through neural network so that the IP cameras are able to realize accurate target classification. Target classification and attributes recognition are the most valuable effects which deep learning technology owns for the security industry.

Depth analysis is performed on the objects detected in the video, classify the human and vehicle target and automatically filter out false alarms caused by animals, rustling leaves, bright lights, rain or snow, etc., greatly improve alarm accuracy rate.

Target Classification

AI Chip | Deep learning Algorithm | Bigdata

FalseAlarm
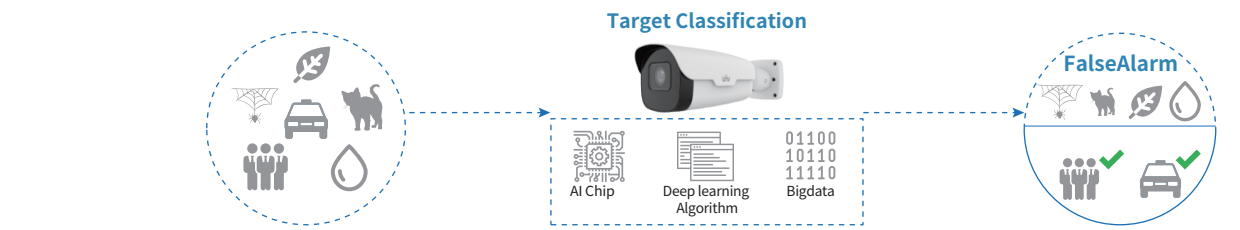
Powered by deep learning

Perimeter defender

- Traditional Intrusion detection or crossing line detection is not accurate in some circumstances. For example, it will be mistakenly triggered by animals.
- Based on target classification, UNV perimeter protection function can classify human, vehicle, or other moving objects based on preset settings, reduce false alarm rates.
- Event quick retrieval with NVR. Alarm events are sorted by target type (Human, Vehicle) which highly improves search efficiency.
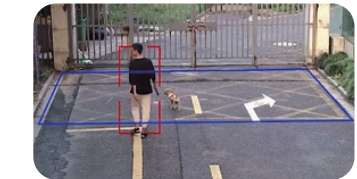
Intrusion Detection | Crossing Line
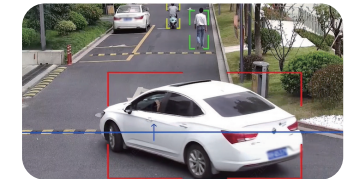
Face capture

- Capture high-quality pictures:
- support three face optimization modes, which can choose the best snapshots to upload to NVR or VMS.
- Capture capability: up to 40 faces per frame.
- Based on target classification, once detected face, the camera will follow the people and capture snapshot continuously, and at last upload the best face snapshot.
- Edge computing, reduce the back-end devices' cost.
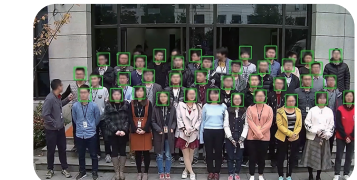
Face Capture | Face Capture

People counting

- Traditional smart functions can't count more than two persons at the same time.
- UNV people counting function is based on target classification, match targets from multi-pose and multi-angle.
- Support two modes: Counting people by region or crossing line
- Much more accurate than traditional people counting.

Crossing Line | Region People Counting