

NCo-301-VHR

3MP Outdoor IR Vandal Dome with Smart IR, motorized lens,
P-Iris, True WDR, IK10



Main Features

- ♦ 3MP @30fps, Full 1080P @60fps
- ♦ Motorized lens 3-10 mm F1.4
- ♦ Advance P-Iris
- ♦ 100dB True WDR
- ♦ IK10 vandal resistant, IP66
- ♦ Smart IR with 25M
- ♦ Extreme weather -40°C~60°C / -40°F~140°F

ONVIF



Product Overview

NexCom introduces new outdoor dome IP camera offering outstanding 3MP image quality including support for zoom focus function. NCo-301-VHR IP Camera, available in indoor and outdoor using scenario, are suitable for building surveillance solution, True WDR / smart IR can overcome variation light condition continued to provide crystal clear image output. IK10/IP66 makes IP camera ideal for all kind of extremely working behavior.

Megapixel @ 60 fps

NexCam supports high-performance H.264/MJPEG compression technology and offers extra smooth video at up to 60 fps in 1080p, and 30fps @ 3MP. Furthermore, Video ROI [Region Of Interest] function reduce bandwidth and storage requirement, providing users with the best option in bandwidth flexibility and storage efficiency.



Zoom Focus

Zoom focus function allows users to remotely control focus and zoom to simplify installation and reduce labor cost. 3-10 mm focal length is available with feed-back potentiometers for auto-positioning applications. Post-installation adjustment can be done quickly and painlessly, without the need to tear down and reinstall the camera.

P-Iris

P-iris function works by a stepping motor controlled via software to automatically provide the best iris position for best exposure time in all lighting conditions. The Result is a clearer image with better contrast and depth of field.

Smart IR

Smart IR is superior to the traditional IR by automatically adjusting IR output in response to the distance of the object in view. The closer the object, the dimmer the IR will be. This will avoid object over-exposure commonly seen in cameras using traditional IR functions. Over-exposure makes it almost impossible to accurately recognize human faces or other vital characteristics.

Specifications

Camera General Information

| | |
|----------------------|--|
| Image Sensor | 1/3" 3MP True WDR progressive scan CMOS sensor |
| Minimum Illumination | B/W 0 lux/Color 0.1 lux |
| Lens | Motorized (3-10mm, F1.4) |
| Iris Type | P-iris |
| Day and Night | YES (True D/N) |
| IR Distance | Effective up to 25 meter |
| IR Wavelength | 850nm |
| IR Control | Smart IR |
| ICR | YES |
| WDR | YES |
| Image Enhance | Brightness, Contrast, Saturation, Sharpness, Backlight compensation, Mirror, Flip, Day/Night, Anti-flicker |

Video

| | |
|-------------------|--|
| Video Compression | H.264/M-JPEG |
| Video Streaming | Triple streaming H.264 Stream 1/H.264 Stream2/ MJPEG Stream 3 |
| Video Resolution | 2048x1536 to 320x240 |
| Video Quality | VBR/CBR |
| Frame Rate | 2048x1536 @30 fps 1920x1080 @60 fps 1280x720 @30 fps 720x576 @30 fps 720x480 @30 fps 640x480 @30 fps 320x240 @30 fps |

Audio

| | |
|-------------------|-------------------|
| Audio Streaming | Two-way |
| Audio Compression | G.711 8KHz/ 16bit |
| Audio Input | Line in |
| Audio Output | Line out |

Network

| | |
|---------------------|---|
| Interface | 10/100/1000 Mbps Ethernet, RJ-45 |
| Supported Protocols | HTTP, TCP/IP, UDP, RTP, RTSP, FTP, SMTP, DHCP, DNS, DDNS, NTP, uPnP, ONVIF, IPv4/v6 |
| Security | Multi-level passwords /HTTP encryption |

I/O Connector

| | |
|--------------------|---------------------------|
| Audio in/ out Port | Terminal block 1 in/ 1out |
| D I/O | DIx1,DOx1 |
| RS485 | N/A |
| Micro SD Card Slot | YES |
| RJ45 | YES |

Event Management

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|----------------|--|
| Event trigger | Motion detection , DI |
| Notifications | Trigger alarm output, email/ FTP and record video to PC or SD card |
| post Recording | YES |
| Pre Recording | YES |

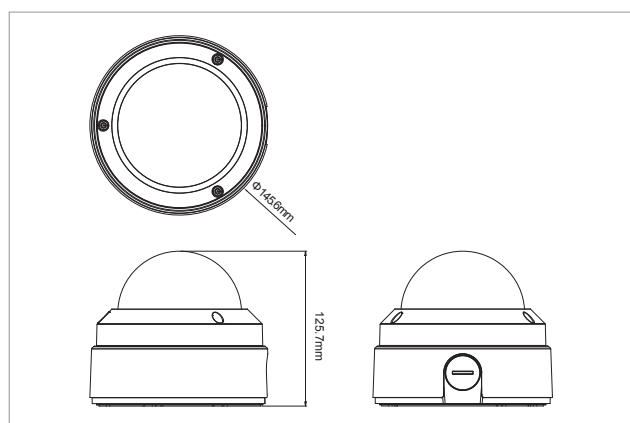
Power

| | |
|-------|------------------------------|
| DC/AC | DC 12V/AC 24V terminal block |
| POE | YES/IEEE 802.3af |

General

| | |
|-------------------|---|
| Power Consumption | 12W max. |
| Weight | 1725g |
| Dimension | Φ 145.6mm X 125.7mm (H) |
| Operating Temp. | -40°C~60°C / -40°F~140°F |
| Humidity | 90% RH (no condensation) |
| Certification | CE/FCC |
| Vandal Resistant | IK10 |
| Weather Prove | IP66, built-in heater |
| Application | SDK available for application development |

Dimension Drawing



Packaging Information

| | |
|-----------|-----------------|
| NWT | 1725g |
| GWT | 2055g |
| Dimension | 225X202X156(mm) |

Accessories (Optional)



Ordering Information

- NCo-301-VHR (10HQ0030100X0)