

NCb-301

3MP Box Camera, Built-in Motorized Lens, P-Iris, True WDR



Main Features

- 3MP @30fps, Full HD 1080P @60fps
- Motorized lens 3-10mm, F1.4
- Advance P-Iris
- 100dB True WDR
- Micro SD card slot
- Support -20°C ~ 60°C/-4°F ~ 140°F

ONVIF



Product Overview

NEXCOM introduces new box type IP camera offering outstanding 3MP image quality, including support for zoom focus function. NCB-301 IP Camera, available in indoor and outdoor using scenario, are suitable for building small shop surveillance solution. True WDR can overcome variation light condition continued to provide crystal clear image output. It 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.

True WDR

The True WDR (Wde Dynamic Range) feature can be very helpful to cope with very challenging lighting conditions. It is capable of capturing both of the dark part and bright part then combining the differences into a scene to generate a highly realistic image. It preserves as much information in the video as possible, the NexCam True WDR IP Camera helps providing video quality closer to the capabilities of the human eye. Consequently, it is largely applied in high contrast environments such as lobby entrances, parking lots, ATM's and loading areas.

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.

Specifications

Camera General Information

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|----------------------|--|
| Image Sensor | 1/3" 3MP True WDR progressive scan CMOS sensor |
| Minimum Illumination | B/W 0.01 lux/Color 0.1 lux |
| Lens | Motorized (3-10mm, F1.4) lens |
| Field of View | Horizontal: 33.6°~81.9° Vertical: 25.5°~62.6° Diagonal: 42.6°~103.1° |
| Iris Type | P-Iris |
| Day and Night | YES (True D/N) |
| IR Distance | N/A |
| IR Wavelength | N/A |
| IR Control | N/A |
| ICR | YES |
| WDR | YES |
| Image Enhance | Brightness, Contrast, Saturation, Sharpness, Backlight compensation, Mirror, Flip, Day/Night, Anti-flicker |

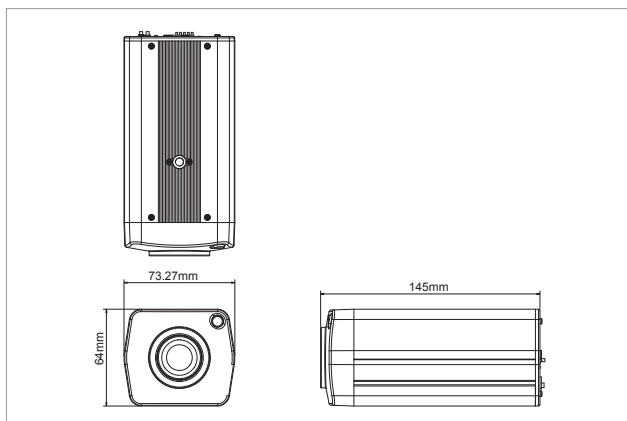
Video

| | |
|-------------------|--|
| Video Compression | H.264/M-JPEG |
| Video Streaming | Triple streaming H.264 Stream 1/H.264 Stream 2/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 |

Dimension Drawing



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 |
| Browser | Internet Explorer (support up to IE 10), Chrome, Firefox, Safari |
| Security | Multi-level passwords /HTTP encryption |

I/O Connector

| | |
|--------------------|----------------------|
| Audio in/out Port | 3.5 mm phone jack x1 |
| D I/O | DIX1, DOx1 |
| RS485 | N/A |
| Micro SD Card Slot | YES |
| RJ45 | YES |

Event Management

| | |
|----------------|---|
| 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 | DC12V/AC 24V terminal block |
| PoE | YES/IEEE 802.3af |

General

| | |
|-------------------|---|
| Power Consumption | 10W max. |
| Weight | 650g |
| Dimension | 145mm (D) x 73.27mm (W) x 64mm (H) |
| Operating Temp. | -20°C ~ 60°C/-4°F ~ 140°F |
| Humidity | 90%RH(no condensation) |
| Certification | CE/FCC |
| Vandal Resistant | N/A |
| Weather Proof | with housing |
| Application | SDK available for application development |

Packaging Information

| | |
|-----------|------|
| NWT | 650g |
| GWT | TBA |
| Dimension | TBA |

Ordering Information

- ◆ NCB-301 (P/N: 10HB0030100X0)