

# 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

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

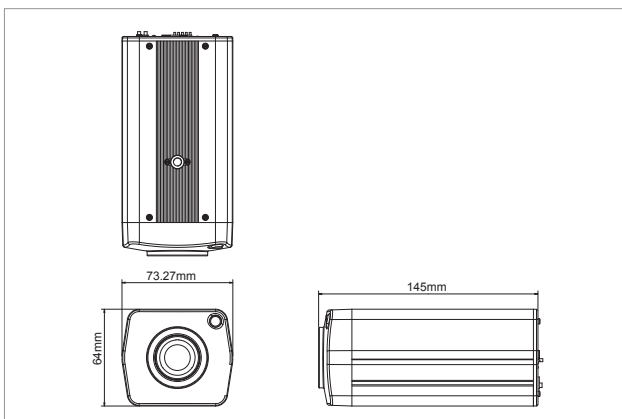
### Video

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

## 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)