

# NCi-311

3MP Indoor Compact Designed Dome, Vari-focal Lens, DWDR



## Main Features

- 3MP @20fps, Full HD 1080P @30fps
- Varifocal lens 3-10mm, F1.3
- Digital WDR
- Compact design
- Support 0°C ~ 60°C/32°F ~ 140°F

ONVIF



## Product Overview

NEXCOM introduces new mini indoor dome IP camera offering outstanding 3MP image quality including support for vari-focal function. NCI-311 IP Camera, available in indoor using scenario, are suitable for building/small shop surveillance solution, Digital WDR can overcome variation light condition continued to provide crystal clear image output. It makes IP camera ideal for small medium business applications.

### 1080P @ 30 fps

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

### RICH I/O

NexCam's Rich I/O allows the users to have the advantages when connecting essential external devices such as strobe light, audio jack, micro SD card slot, DC 12V in order to achieve the best performance for any critical environments. It also allows the users to use Digital Input and Digital Output for the applications such alarm system.

### Digital WDR

Digital Wide Dynamic Range is a feature in NCI-311 IP camera that incorporates techniques for handling a wide range of lighting conditions in a scene which with extremely bright and dark areas, a typical camera would produce an image where objects in the dark areas would hardly be visible. digital Wide Dynamic Range solves this by applying techniques such as using different exposures for different objects in a scene to enable objects in both bright and dark areas to be visible.

### Compact Design

NexCam is available in a compact design with stylish, low profile, and discreet housing. It's ideal for residential, office, mall, and store used and of course not limited to. It's indeed a space-saving design that would be perfect for getting an excellent overview for any indoor scene.



Conventional



NEXCOM

## Specifications

### Camera General Information

|                      |  |
|----------------------|--|
| Image Sensor         | 1/3" 3MP progressive scan CMOS sensor  |
| Minimum Illumination | B/W 0.01 lux/Color 0.1 lux   |
| Lens                 | varifocal (3-10mm, F1.3)   |
| Field of View        | Horizontal: 28.2°~87.3°<br>Vertical: 21.4°~61.9°<br>Diagonal: 34.6°~112.6°                                 |
| Iris Type            | DC-iris  |
| Day and Night        | YES (digital D/N)  |
| IR Distance          | N/A  |
| IR Wavelength        | N/A  |
| IR Control           | N/A  |
| ICR                  | N/A  |
| WDR                  | YES (DWDR)   |
| Image Enhance        | Brightness, Contrast, Saturation, Sharpness, Backlight compensation, Mirror, Flip, Day/Night, Anti-flicker |

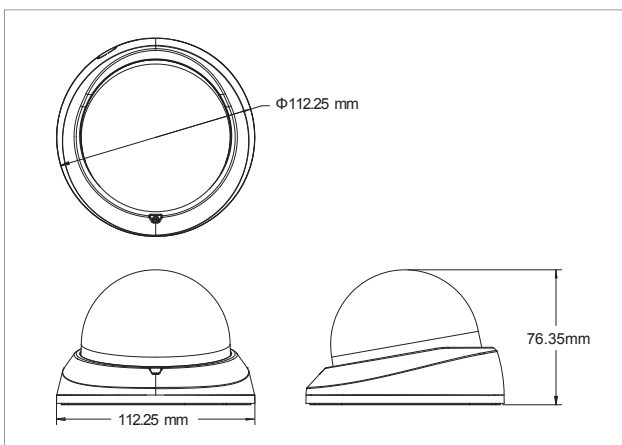
### Video

|                   |  |
|-------------------|--|
| Video Compression | H.264/M-JPEG   |
| Video Streaming   | Triple streaming<br>H.264 Stream 1/H.264 Stream2/MJPEG Stream 3  |
| Video Resolution  | 2048x1536 to 320x240   |
| Video Quality     | VBR/CBR  |
| Frame Rate        | 2048x1536 @20 fps<br>1920x1080 @30 fps<br>1280x720 @30 fps<br>720x576 @30 fps<br>720x480 @30 fps<br>640x480 @30 fps<br>320x240 @30 fps |

### Audio

|                   |     |
|-------------------|-----|
| Audio Streaming   | N/A |
| Audio Compression | N/A |
| Audio Input       | N/A |
| Audio Output      | N/A |

## 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  | N/A        |
| 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 terminal block |
| PoE   | YES/IEEE 802.3af     |

### General

|                   |   |
|-------------------|---|
| Power Consumption | 6 W max.                                  |
| Weight            | 280g                                      |
| Dimension         | Φ 112.25mm x 76.35mm (H)                  |
| Operating Temp.   | 0°C~60°C/32°F ~ 140°F                     |
| Humidity          | 90% RH (no condensation)                  |
| Certification     | CE/FCC                                    |
| Vandal Resistant  | N/A                                       |
| Weather Proof     | N/A                                       |
| Application       | SDK available for application development |

### Packaging Information

|           |                                  |
|-----------|----------------------------------|
| NWT       | 280g                             |
| GWT       | 540g                             |
| Dimension | 174mm (D) x 164mm (W) x 113mm(H) |

## Ordering Information

- ◆ NCI-311 (P/N: 10HI0031101X0)