



## Main Features

- Full HD 1080P @30fps
- Fixed lens 2.4mm/2.8mm/6.0mm
- 120dB True WDR
- Smart IR 10meter
- Built-in Microphone
- IK10 vandal resistance / IP66
- EN-50155 certificated
- M12 connector as optional

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## Product Overview

NEXCOM introduces new mobile dome IP camera offering outstanding 2MP image quality including support for Smart IR, Built-in MIC and image stabilization function. NCm-261-R IP Camera, available in indoor and outdoor using scenario, are suitable for transportation surveillance solution, True WDR 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

### H.264++ Technology

The H.264++ technology could reduce bandwidth to perform excellent video compression rate with lower storage consumption. Under the same image quality level if we compare with traditional H.264++ technology can help to save 25%~50% data flowloading or even 98-99% possible bitrate reduction for still scenes to enhance IP camera system performance.

### True WDR

The True WDR (Wide 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 and helps to provide 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.

### 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	1/2.8" 2MP CMOS Progressive sensor
Resolution	1920(H) x 1080(V)
Lens	Fixed lens 2.8mm F1.6 ; 2.4mm F2.1 ; 6.0mm F2.0
Field of View	2.8mm H: 110°; 2.4mm H: 135° 6.0mm H: 55°
Day and Night	YES (Digital D/N)
IR Distance	10 meters
ICR	Yes
WDR	Yes (True WDR 120dB)
Image Enhance	Brightness, Contrast, Saturation, Sharpness, Mirror, Flip, Corridor

### Video

Video Compression	H.265 / H.264 / M-JPEG
Video Streaming	Smart GOP / Smart ROI / Smart FPS
Video Resolution	1920x1080 to 320x240
Video Quality	VBR/CBR
Frame Rate	1920x1080 @30fps 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/16 bits
Audio Input	Line-in
Audio Output	Line-out

### Network

Interface	10/100 Mbps Ethernet, M12 connector is optional
Supported Protocols	IPv4, IPv6, HTTP, HTTPS, SSL, TCP/IP, UDP, UPnP, RTSP, RTP, SMTP, NTP, DHCP, FTP, Zero Configure
Browser	Internet Explorer (support up to IE 10), Chrome, Firefox, Safari

### I/O Connector

Audio in/out Port	Line-in*1 ; Line-out*1
D I/O	DI*1 ; DO*1
Built-in Microphone	YES
Micro SD Card Slot	YES
RJ45	YES

### Event Management

Event Trigger	Motion detection
Notifications	email/FTP and record video to server or SD card
Post Recording	YES
Pre Recording	YES

### Power

DC/AC	DC12V
PoE	YES/IEEE 802.3af

### General

Power Consumption	6W max.
Weight	400g
Dimension	Φ 110mm x 62 mm
Operating Temperature	-20°C ~ 50°C ( -4°F ~ 122°F )
Storage Temperature	-20°C ~ 70°C ( -4°F ~ 158°F )
Humidity	90% RH (no condensation)
Certification	CE/FCC/EN-50155
Vandal Resistant	IK10
Weather Proof	IP66
Application	SDK available for application development

### Packaging Information

NWT	400g
GWT	TBD
Dimension	TBD

## Ordering Information

- **NCm-261-R: 2MP IR Mobile Dome with FF 2.8mm, MIC**
- **NCm-262-R: 2MP IR Mobile Dome with FF 2.4mm, MIC**
- **NCm-263-R: 2MP IR Mobile Dome with FF 6.0mm, MIC**

## Dimension Drawing

