



## NCR368

### 5-Megapixel Outdoor IR Bullet Camera

1/3.2" Lumii sensor, H.264, triple streaming, remote zoom and auto focus, ICR day/night, 30m (98ft) IR, WDR, 3DNR, microSDXC/SDHC card slot, IP67, IK10

The NCR368 is a professional 5-megapixel bullet camera designed for detail-demanding outdoor surveillance, delivering the ultimate image sharpness and view coverage like no others. A true day/night camera, the NCR368 features enhanced sensitivity backed by proprietary low light technology, IR night vision and 3DNR to provide superior image clarity in low light conditions. The built-in heater and the weatherproof enclosure ensure the camera is suited for harsh environments. The featured motorized zoom with auto focus, as well as the 3-axis cable management bracket and the external lens adjustment, significantly facilitate installation of this versatile camera.

**ONVIF**

#### Motorized Lens for Remote Zoom and Auto Focus

The motor-driven zoom functionality enables configuration over the network to achieve the optimized viewing angle of the monitored area. Auto Focus can be also done with just one simple mouse click, simplifying the installation significantly for faster and easier setup.



#### Easy Installation with 3-axis Cable Management Bracket

The 3-axis cable management bracket provides a robust mounting platform for tidy installation and camera angle adjustments on a 3-axis plane. It also offers a well-rounded protection of the cable from any water, dust or shock damages.



#### 3D Noise Reduction

The 3DNR technology takes traditional DNR a step further, removing digital artifacts and grainy appearance from frame to frame, while maintaining image sharpness at low light settings, which results in more efficient bandwidth utilization and less storage space consumption.



#### Triple Streaming with Multiple Video Profiles

The camera supports H.264 and MJPEG streams and allows triple streaming simultaneously. Video streams can be further managed in profiles, enabling flexibility for users to designate bandwidth storage, and other video properties as appropriate.



#### Ultra Wide Dynamic Range

Compared with standard WDR, the new-generation WDR features sophisticated algorithm to further expand its dynamic range of the lighting conditions. It allows the camera capturing greater scene details in high contrast settings or in scenes with extremely bright and dark areas.



#### ONVIF Profile G Compliant

Profile G refines the interoperability between live video, video storage and recording. NCR368 can be integrated with third-party video management systems of Profile G specification, and support SD/mSD card on-board video storage, search and retrieval capabilities, and media playback.

## Specifications

| Video                                |                                                                                                                                                                                                                       |
|--------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Sensor Type                          | 1/3.2" progressive scan CMOS sensor                                                                                                                                                                                   |
| Active Pixels                        | 2592x1944 (HxV)                                                                                                                                                                                                       |
| Compression                          | H.264 / MJPEG                                                                                                                                                                                                         |
| Streaming                            | Triple simultaneous streams with multiple video profile                                                                                                                                                               |
| Resolution                           | 2592x1944, QXGA(2048x1536), 1080P, 1280x960, 720P, SVGA(800x 600), VGA(640x480), 640x360, QVGA(320x240), 320x180                                                                                                      |
| Max. Frame Rate                      | 5MP 4:3 (2592x1944) at 12 fps<br>3MP 4:3 (2048x1536) at 15 fps<br>2MP Full HD 16:9 (1920x1080) at 30/25 fps (NTSC/PAL)                                                                                                |
| Day/Night                            | Mechanical (ICR) D/N Control                                                                                                                                                                                          |
| Day/Night Mode                       | Auto/ BW/ Color                                                                                                                                                                                                       |
| Shutter Time                         | 1/10,000s to 1/7.5s Selectable (60Hz);<br>1/10,000s to 1/6.25s Selectable (50Hz)                                                                                                                                      |
| Minimum Illumination                 | IR LED OFF:<br>Color: 0.15 lux at 50 IRE, 0.03 lux at 10 IRE, F1.2;<br>(Shutter speed: 1/15 sec)<br>IR LED ON: 0 lux                                                                                                  |
| Video Output                         | NTSC: 720x480 @30fps; PAL: 720x576 @25fps                                                                                                                                                                             |
| Bit Rate Control                     | CBR, VBR                                                                                                                                                                                                              |
| Lens                                 |                                                                                                                                                                                                                       |
| Lens Type                            | Built-in; Varifocal                                                                                                                                                                                                   |
| Focal Length                         | f=3~9mm, F1.2                                                                                                                                                                                                         |
| Focus / Zoom                         | Autofocus, motorized / Remote                                                                                                                                                                                         |
| View Angle                           | H: 78°(Wide)~28°(Tele)                                                                                                                                                                                                |
| IRIS Control                         | DC IRIS                                                                                                                                                                                                               |
| IR LEDs                              |                                                                                                                                                                                                                       |
| LED Quantity                         | 48 pcs (850nm)                                                                                                                                                                                                        |
| IR Distance                          | 30 meters (87 ft.)                                                                                                                                                                                                    |
| IR turn on status                    | Under 5 lux by auto control                                                                                                                                                                                           |
| LED Life                             | More than 10,000 hours (50°C)                                                                                                                                                                                         |
| Audio                                |                                                                                                                                                                                                                       |
| Audio Communication                  | Two-way Audio                                                                                                                                                                                                         |
| Compression                          | G.711-Alaw / G.711-Ulaw, 8kHz                                                                                                                                                                                         |
| Audio In/Out                         | External microphone and speaker                                                                                                                                                                                       |
| Image Enhancement                    |                                                                                                                                                                                                                       |
| Image Settings                       | AES, AWB, AGC<br>Exposure Mode: AES / ALC / Flickerless / Manual;<br>White Balance: Auto / Manual;<br>Backlight Compensation<br>Configurable Brightness, Contrast, Hue, Saturation, and Sharpness<br>Gamma Correction |
| WDR                                  | Enhanced Digital WDR                                                                                                                                                                                                  |
| DNR                                  | Configurable 3DNR setting                                                                                                                                                                                             |
| Privacy Zone                         | Yes, up to 8 privacy zones                                                                                                                                                                                            |
| Image Orientation                    | Mirror, Flip                                                                                                                                                                                                          |
| Frequency Control                    | NTSC(60Hz)/ PAL(50Hz)                                                                                                                                                                                                 |
| Date & Time Stamp                    | Yes                                                                                                                                                                                                                   |
| Intelligent Video & Event Management |                                                                                                                                                                                                                       |
| Motion Detection                     | Yes, 3-level sensitivity                                                                                                                                                                                              |
| Ethernet Detection                   | Network loss detection                                                                                                                                                                                                |
| Others                               | Optimized i-frame (GOP) setting                                                                                                                                                                                       |
| Events                               | Motion detection, ethernet detection, external alarm                                                                                                                                                                  |

| Event Actions            | Event snapshot to remote FTP storage/ email recipients, Edge recording to SD card, HTTP event query, HTTP event client pulling                              |
|--------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Store Category           | Event snapshot, Edge recording, Manual Snapshot, Manual Recording                                                                                           |
| Local Storage*           |                                                                                                                                                             |
| Memory Card Slot         | microSDHC/SDXC support (Card not included and support up to 128GB)                                                                                          |
| Memory Card Overwrite    | Yes                                                                                                                                                         |
| Network                  |                                                                                                                                                             |
| Protocol                 | ARP, DHCP, DNS, FTP, HTTP, HTTPS, ICMP, IGMP, IPv4, IPv6, NTP, RTSP/RTCP/RTMP, QoS, SMTP, SNMP, TCP, UDP, UPnP, IEEE802.1X                                  |
| Ethernet                 | 10Base-T/100Base-TX Ethernet connection for LAN / WAN, RJ-45                                                                                                |
| ONVIF                    | Profile G, Profile S                                                                                                                                        |
| Browser                  | Internet Explorer, Chrome, Firefox, Safari                                                                                                                  |
| Security                 | Multiple user access levels with password protection; IP address filtering; IEEE 802.1X network access control, HTTPS encryption, and digest authentication |
| I/O & Controls           |                                                                                                                                                             |
| Power                    | All-in-one tail cable out<br>2-pin Terminal block/ Female RJ-45 10BASE-T/100BASE-TX PoE                                                                     |
| Power LED Indicator      | System power and status indicator                                                                                                                           |
| Alarm In/Out             | Terminal block 1 in / 1 relay out (30V, 1A)                                                                                                                 |
| Network                  | RJ-45 with LED Indicator                                                                                                                                    |
| Audio In/Out             | Terminal block 1 in / 1 out                                                                                                                                 |
| Analog Video             | 1 x composite video out, micro JST                                                                                                                          |
| System Reboot            | Reset x 1                                                                                                                                                   |
| Factory Default          | Default x 1, pressing 5 sec for loading factory default                                                                                                     |
| Power                    |                                                                                                                                                             |
| Power Requirement        | AC 24V ± 10% / PoE (IEEE 802.3af)<br>*Arctic power-on support by PoE at -40°C                                                                               |
| Power Consumption (Max.) | 11.5W                                                                                                                                                       |
| Mechanical               |                                                                                                                                                             |
| Dimensions(WxDxH)        | 115 x 264 x 110 mm (4.53" x 10.39" x 4.33")                                                                                                                 |
| Weight                   | 1600g (3.44 lb)                                                                                                                                             |
| Protection               | IP67 Certified, IP68 Compliant<br>IK10 Compliant                                                                                                            |
| Environmental            |                                                                                                                                                             |
| Operating Temperature    | (On-board heating device) -40°C ~ 50°C (-40°F ~ 122 °F)                                                                                                     |
| Operating Humidity       | 90% RH, non-condensing                                                                                                                                      |
| Storage Temperature      | -40°C ~ 60°C (-40°F ~ 140°F)                                                                                                                                |
| Regulatory               |                                                                                                                                                             |
| Approvals                | CE, FCC, RoHS                                                                                                                                               |
| Ordering Information     |                                                                                                                                                             |
| Model No.                | NTSC: NCR368-N2-MES;<br>PAL: NCR368-P2-MES                                                                                                                  |
| Accessories              | Easily adjustable 3-axis and cable-concealed bracket with standard package                                                                                  |

\*

1. Memory card not included.
2. No memory card slot & local storage function for Argentina and Ecuador

## Dimensions

