

# NCi-523C-RF/ NCI-524C-RF

5MP Compact Indoor Dome, Fixed Lens 2.8mm/4.0mm, IR



## Main Features

- Compact micro dome design
- Easy, flexible installation with 3-axis adjustment
- Extreme WDR 120dB
- Advanced VA minimizes false alarms (ONVIF® Profile M)
- Edge storage enables failover recording (ONVIF® Profile G)
- NDAA Compliant



## Product Overview

Powered by LightSolver II™, WDR and Smart IR+, it captures clear, detailed video even in scenes with strong backlight, high contrast, or complete darkness. Edge AI analytics for real-time detection, combined with two-way audio for immediate response and active deterrence, deliver smarter, proactive security. Its compact, discreet design allows unobtrusive installation in high-risk, high-traffic environments including high-end retail stores, restaurants, and office buildings.

### H.265

H.265 is the latest next generation of video compression technology. This technology could reduce bandwidth to perform excellent video compression rate with lower storage consumption. This new technology can save over 50% data flowloading. This helps to enhance IP camera total system performance dramatically.



### DOL WDR @30fps

DOL WDR can overcome challenging lighting conditions. It is capable of capturing both dark and bright part then combining the differences into a scene to generate a highly realistic image.

### 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 and commonly be 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" 5MP CMOS progressive sensor   |
| Resolution                        | Up to 30fps 5MP (2592 x 1944)  |
| Lens                              | <b>NCI-523C-RF:</b> Fixed lens, 2.8 mm, F2.8<br><b>NCI-524C-RF:</b> Fixed lens, 4.0 mm, F2.8             |
| Field of View                     | <b>NCI-523C-RF:</b> H: 76.8°, V: 97.1°, D:123.1°<br><b>NCI-524C-RF:</b> H: 80°, V: 58.1°, D:106.7°       |
| Day and Night                     | True Day / Night   |
| Smart IR                          | Effective distance is up to 20M (6.51ft)   |
| WDR                               | 120dB  |
| Minimum Illumination              | Color 0.15 lux<br>B/W 0 lux  |
| Image Enhance                     | Brightness, Contrast, Saturation, Sharpness, Mirror, Flip, Corridor, Anti-flicker, BLC, AWB              |
| Defog                             | Support  |
| Digital Image Stabilization (DIS) | Support  |
| Analytics (In-house VA)           | Line Crossing, Object-Counting, Zone Object-Counting, Zone Intrusion, Loitering, Wrong Way, Left, Remove |

### Video and Audio

|                             |   |
|-----------------------------|---|
| Video Compression           | H.265 / H.264 / M-JPEG  |
| Smart Compression           | Smart GOP   |
| Video Resolution            | Up to 30fps 2592x1944 (H.264)+ 30fps 1280x720 (H.264) + 15fps 640x480 (MJPEG) |
| Video Quality               | CBR, VBR, MJPEG   |
| Frame rate (Max Resolution) | Up to 30fps   |
| Frame rate (Multi-Stream)   | Up to 30fps 5MP + 30fps 1280x720 + 15fps 640x480                              |
| Audio Streaming             | Two-way   |
| Audio Compression           | G.711 8KHz/8 bits (A-Law/U-Law)   |

### Network

|           |                               |
|-----------|-------------------------------|
| Interface | 10/100 Mbps Ethernet, RJ45    |
| Browser   | Edge, Chrome, Firefox, Safari |
| ONVIF     | ONVIF S, G, T, M              |

### Event Management

|               |  |
|---------------|--|
| Event Trigger | Motion detection, Tampering Alarm, Alarm In                        |
| Notifications | Send message via e-mail/ Record to FTP/NAS/SD card, record JPG/mp4 |

### General

|                       |   |
|-----------------------|---|
| Power                 | PoE IEEE 802.3af, Class 3   |
| Power Consumption     | PoE: IR OFF 5.2W max; IR ON 6.5W max  |
| Audio In/Out Port     | Line-in x 1 ; Line-out x 1  |
| Local Storage         | MicroSDXC Card Slot x 1 (Max. capacity 1.5TB )                                  |
| Micro SD Card Slot    | microSDXC up to 1.5TB   |
| Operating Temperature | -20°C (-4°F) to +50°C (122°F) (IR on)<br>-20°C (-4°F) to +60°C (140°F) (IR off) |
| Storage Temperature   | -40°C (-40°F) to +60°C (140°F)  |
| Humidity              | 10% to 90% RH(non-condensing)   |
| Regulation            | CE/FCC/UL   |
| Waterproof            | NA  |
| Vandal Resistant      | NA  |
| Application           | SDK available for application development                                       |

### Packaging Information

|           |   |
|-----------|---|
| Weight    | Unit:392g   |
| Dimension | Unit: Ø 108mm x H 74.5mm (without mounting plate) |

## Dimension Drawing

