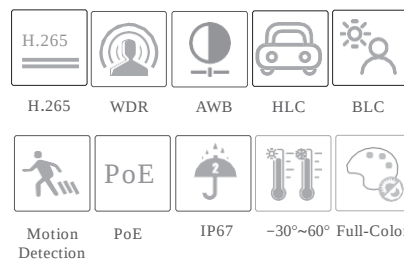


# NGC-7221FC

## 2MP Full Color Dome Network Camera



- 2MP ( 1920 × 1080 ) H.265 full real time coding
- Max. resolution: 1920 × 1080
- 20~ 30m white light view distance
- 24/7 full color imaging
- 3D DNR, HWDR, HLC and BLC
- ROI coding
- Built-in micro SD card slot, up to 256GB
- DC12V/PoE power supply
- IP67 ingress protection
- Support three streams
- Support mobile surveillance by smart phones with iOS and Android OS
- Intelligent Analytics



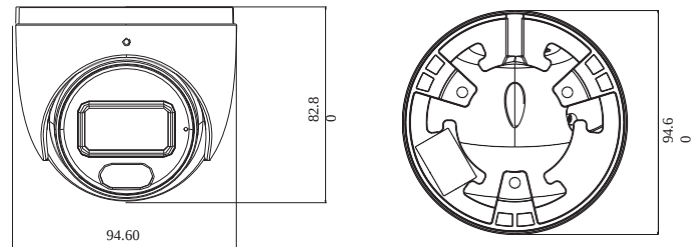
# NGC-7221FC

## SPECIFICATIONS

| Model                      | NGC-7221FC                                                                                                                                                   |
|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Specifications             |                                                                                                                                                              |
| Camera                     |                                                                                                                                                              |
| Image Sensor               | 1 / 2.8 "CMOS                                                                                                                                                |
| Image Size                 | 1920 × 1080                                                                                                                                                  |
| Electronic Shutter         | 1 s ~ 1 / 100000 s                                                                                                                                           |
| Iris Type                  | Fixed Iris                                                                                                                                                   |
| Min Illumination           | 0.002 lux@ F1.0, AGC ON; 0 lux with LED ON                                                                                                                   |
| S/N Ratio                  | ≥ 50dB                                                                                                                                                       |
| Lens                       | 2.8 mm @F1.0, H.FoV: 105.2°; V.FoV:55.5°; D.FoV:125.1°<br>3.6 mm @F1.0, H.FoV: 84.6°; V.FoV:45.9°; D.FoV:100°                                                |
| Focus                      | Fixed                                                                                                                                                        |
| Lens Mount                 | M12                                                                                                                                                          |
| Wide Dynamic Range         | 120dB                                                                                                                                                        |
| BLC                        | Yes                                                                                                                                                          |
| HLC                        | Yes                                                                                                                                                          |
| Defog                      | No                                                                                                                                                           |
| Digital NR                 | 3D DNR                                                                                                                                                       |
| Angle Adjustment           | Pan: 0°~360°; Tilt:0°~75°; Rotation: 0°~360°                                                                                                                 |
| Image                      |                                                                                                                                                              |
| Video Compression          | Main stream: H.265+ / H.265 / H.264+ / H.264<br>Sub stream: H.265+ / H.265 / H.264+ / H.264 / MJPEG<br>Third stream: H.265+ / H.265 / H.264+ / H.264 / MJPEG |
| H.264 Compression Standard | Baseline Profile/Main Profile/High Profile                                                                                                                   |
| Resolution                 | 1080P ( 1920 × 1080 ), 720P ( 1280 × 720 ), D1, 640 × 480, CIF, 480 × 240                                                                                    |
| Main Stream                | 60Hz:1080P(1~30fps)/720P(1~30fps); 50Hz:1080P(1~25fps)/720P(1~25fps)                                                                                         |
| Sub Stream                 | 60Hz : D1/CIF/640 × 480 (1~30fps); 50HZ: D1/CIF/640 × 480 (1~25fps)                                                                                          |
| Third Stream               | 60Hz : D1/CIF/480×240 (1~30fps); 50HZ: D1/CIF/480×240 (1~25fps)                                                                                              |
| Bit Rate                   | 128 Kbps ~ 6 Mbps                                                                                                                                            |
| Bit Rate Type              | VBR / CBR                                                                                                                                                    |
| Audio Compression          | G711A / U                                                                                                                                                    |
| Image Settings             | ROI, Saturation, Brightness, Hue, Contrast, Wide Dynamic, Sharpness, Image Flip, Image Mirror, NR, etc. adjustable through client software or web browser    |
| ROI                        | Each ROI to be configured separately                                                                                                                         |
| Interfaces                 |                                                                                                                                                              |
| Network                    | RJ 45                                                                                                                                                        |
| Video Output               | NO                                                                                                                                                           |
| Audio                      | 1CH audio input; 1CH built-in MIC                                                                                                                            |
| Storage                    | Built-in micro SD card slot, up to 256GB                                                                                                                     |
| Reset                      | Yes                                                                                                                                                          |
| Functions                  |                                                                                                                                                              |
| Remote Monitoring          | Web Browser/Navaio NVMS2.0/NVR/mobile APP                                                                                                                    |
| Web Browser                | IE(plug-in required)/Google Chrome/Edge/Firefox/Safari                                                                                                       |
| Online Connection          | Support simultaneous monitoring for up to 3 users;<br>Support multi-stream real time transmission                                                            |
| Network Protocol           | UDP, IPv4, IPv6, DHCP, NTP, RTSP, RTP, RTCP, RTMP, PPPoE, DDNS, 802.1x, SMTP, FTP, UPnP, HTTPs, HTTP, QoS                                                    |
| Interface Protocol         | ONVIF                                                                                                                                                        |
| Storage                    | Network remote storage; micro SD card storage                                                                                                                |
| Intelligent Analytics      | Video exception detection, intrusion detection and line crossing detection, abandoned/missing object detection                                               |
| Smart Alarm                | Motion detection, SD card error, SD card full                                                                                                                |
| General function           | Watermark, IP address filtering, video mask, heartbeat, illegal login lock, corridor pattern                                                                 |
| PoE                        | Yes (IEEE802.3af)                                                                                                                                            |
| White Light Range          | 20 ~ 30 m                                                                                                                                                    |
| Ingress Protection         | IP 67                                                                                                                                                        |

| DORI Distance            |                                                                                               |                 |                 |                |
|--------------------------|-----------------------------------------------------------------------------------------------|-----------------|-----------------|----------------|
| Lens                     | Detect                                                                                        | Observe         | Recognize       | Identify       |
| 2.8mm                    | 41.05m(134.67ft)                                                                              | 16.42m(53.87ft) | 8.21m(26.93ft)  | 4.10m(13.45ft) |
| 3.6mm                    | 51.01m(167.35ft)                                                                              | 20.40m(66.92ft) | 10.20m(33.46ft) | 5.10m(16.73ft) |
| Others                   |                                                                                               |                 |                 |                |
| Power Supply             | DC12V/PoE                                                                                     |                 |                 |                |
| Power Consumption        | < 5.5W                                                                                        |                 |                 |                |
| Storage Conditions       | - 30 °C ~ 65°C (-22°F~149°F), Humidity: less than 95 % (non-condensing)                       |                 |                 |                |
| Operating Conditions     | - 30 °C ~ 60 °C (-22°F~140°F), Humidity: less than 95 % (non-condensing)                      |                 |                 |                |
| Dimensions ( mm )        | Φ 94.6 × 82.8                                                                                 |                 |                 |                |
| Weight ( net )           | Approx. 0.45KG                                                                                |                 |                 |                |
| Installation             | Ceiling mounting; wall mounting                                                               |                 |                 |                |
| Certificate              | CE, FCC                                                                                       |                 |                 |                |
| Environmental Protection | Complies with Directive EU RoHS, WEEE(2012/19/EU) , directive 94/62/EC and REACH(EC1907/2006) |                 |                 |                |

## DIMENSIONS



## AVAILABLE ACCESSORIES

