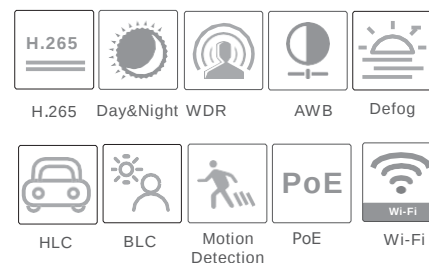


# NGC-7121W

2MP Cube Wi-Fi Network  
Camera



- 2MP ( 1920 × 1080 ) H.265 full real time coding
- Max. resolution: 1920 × 1080
- ICR auto switch, true day / night, BLC, HLC, Defog
- 10m IR night view distance
- 3D DNR, digital WDR, ROI coding
- Support Wi-Fi
- Built-in micro SD card slot
- 1CH built-in MIC and 1CH built-in speaker
- 1CH alarm input and 1CH alarm output
- DC12V/PoE power supply
- Support three streams
- Support remote monitoring by smart phones& tablets with iOS and AndroidOS



### SPECIFICATIONS

| Model                      | NGC-7121W                                                                                                                        |
|----------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| <b>Specifications</b>      |                                                                                                                                  |
| <b>Camera</b>              |                                                                                                                                  |
| Image Sensor               | 1 / 2.7 "CMOS                                                                                                                    |
| Image Size                 | 1920 × 1080                                                                                                                      |
| Electronic Shutter         | 1 / 25 s ~ 1 / 100000 s                                                                                                          |
| Iris Type                  | Fixed Iris                                                                                                                       |
| Min. Illumination          | 0.03 lux@F2.5,AGC ON; 0 lux with IR<br>0.007 lux@F1.2,AGC ON; 0 lux with IR                                                      |
| Lens                       | 2.8 mm @F1.85, horizontal field of view:116.6°                                                                                   |
| Lens Mount                 | M12                                                                                                                              |
| Wide Dynamic Range         | Digital WDR                                                                                                                      |
| Day&Night Switch           | IR Cut Filter                                                                                                                    |
| Defog                      | Yes                                                                                                                              |
| BLC                        | Yes                                                                                                                              |
| HLC                        | Yes                                                                                                                              |
| Digital NR                 | 3D DNR                                                                                                                           |
| Angle Adjustment           | Pan: 0°~230°; Tilt:0°~71°; Rotation: 0°~360°                                                                                     |
| <b>Image</b>               |                                                                                                                                  |
| Video Compression          | H.265 / H.264 / MJPEG                                                                                                            |
| H.264 Compression Standard | Baseline Profile/Main Profile/High Profile                                                                                       |
| Resolution                 | 1080P ( 1920 × 1080 ), 720P( 1280 × 720 ), D1, CIF, 480 × 240                                                                    |
| Main Stream                | 60Hz : 1080P( 1 ~ 30fps ) / 720P( 1 ~ 30fps )<br>50Hz : 1080P( 1 ~ 25fps ) / 720P( 1 ~ 25fps )                                   |
| Sub Stream                 | 60Hz : D1/CIF ( 1~30fps); 50HZ: D1/CIF(1~25fps)                                                                                  |
| Third Stream               | 60Hz : D1/CIF/480x240 (1~30fps); 50HZ: D1/CIF/480x240 (1~25fps)                                                                  |
| Bit Rate                   | 128 Kbps ~ 6Mbps                                                                                                                 |
| Bit Rate Type              | VBR / CBR                                                                                                                        |
| Image Settings             | ROI, Saturation, Brightness, Chroma, Contrast, Wide Dynamic, Sharpen, NR, etc. adjustable through client software or web browser |
| ROI                        | Each ROI to be configured separately                                                                                             |
| <b>Interfaces</b>          |                                                                                                                                  |
| Network                    | RJ45                                                                                                                             |
| Video Output               | No                                                                                                                               |
| Storage                    | Built-in micro SD card slot; up to 128GB                                                                                         |
| Alarm                      | 1CH alarm input; 1CH alarm output                                                                                                |
| Hardware Reset             | Yes                                                                                                                              |
| <b>Audio</b>               |                                                                                                                                  |
| Audio Input                | Built-in MIC×1                                                                                                                   |
| Audio Output               | Built-in Speaker ×1                                                                                                              |
| Audio Compression          | G.711A/U                                                                                                                         |
| Audio Bit Rate             | Self-adaption                                                                                                                    |
| <b>Wi-Fi</b>               |                                                                                                                                  |
| Wireless Standards         | IEEE802.11b/g/n                                                                                                                  |
| Frequency Range            | 2.4GHz ~ 2.4835 GHz                                                                                                              |
| Channel Bandwidth          | 20MHz                                                                                                                            |
| Security                   | WEP, WPA-PSK/WPA2-PSK                                                                                                            |
| Transfer Rates             | 11b: 11Mbps<br>11g: 54Mbps<br>11n: up to 150Mbps                                                                                 |
| Wireless Range             | 50m                                                                                                                              |
| <b>Functions</b>           |                                                                                                                                  |
| Remote Monitoring          | Web browsing, CMS remote control                                                                                                 |
| Online Connection          | Support simultaneous monitoring for up to 4 users;<br>Support multi-stream real time transmission                                |

|                       |                                                                                                          |
|-----------------------|----------------------------------------------------------------------------------------------------------|
| Network Protocol      | UDP, IPv4, IPv6, DHCP, NTP, RTSP, PPPoE, DDNS, SMTP, FTP, SNMP, 802.1x, UPnP, HTTPs, QoS                 |
| Interface Protocol    | ONVIF, GB-T/28181-2011                                                                                   |
| Storage               | Network remote storage; micro SD card storage                                                            |
| Smart Alarm           | Motion detection, sensor alarm, PIR alarm, SD card full, SD card error, IP conflict, cable disconnection |
| General function      | Watermark, IP address filtering, video mask, heartbeat, password protection                              |
| PoE                   | Yes                                                                                                      |
| IR Distance           | Up to 10m                                                                                                |
| PIR                   | Horizontal angle: 100°<br>Range: 7m                                                                      |
| <b>Others</b>         |                                                                                                          |
| Power Supply          | DC12V/PoE                                                                                                |
| Power Consumption     | < 4.5W                                                                                                   |
| Operating Environment | - 10 °C ~ 45 °C (-14°F~113°F)<br>Humidity: less than 95 % (non-condensing)                               |
| Dimensions ( mm )     | 130 × 71.7 × 71.7                                                                                        |
| Weight ( net )        | Approx. 0.14KG                                                                                           |
| Installation          | Ceiling mounting; Wall mounting; Desktop                                                                 |

### DIMENSIONS

