



# NWBL-5VF-XP

## 5MP Motor Zoom Bullet Network Camera



### Key Features:

- 1/2.7" Progressive Scan CMOS
- Motor 2.8-12mm Lens
- Dual Stream Output
- Smart IR Up to 50m
- H.265 Support; Low bitrate
- ONVIF Profile S
- Privacy Masks, Back Light Compensation (BLC)
- IP67 Weather Resistant

## Product Overview

Infinity Network Cameras support the latest H.265 encoding technology, bringing high efficient video compression and maintaining quality. When compared to older H.264 or MPEG-4 transmission, it significantly saves network bandwidth and storage. Infinity cameras are energy-saving by design to enhance the surveillance system thanks to sophisticated features that are activated automatically such as Smart IR technology for low light and night time, or PoE so that only a single cable is needed for Power *and* Data. The camera is IP67 weatherproof allowing for either internal or external use.

## Features

### Privacy Masks

When used externally it is usually mandated that sensitive areas such as private residences, should not be viewed by cameras thus privacy masks allow a mosaic to be drawn on screen so that any such sensitive areas are not shown and adherence to local laws is maintained.

### Back Light Compensation (BLC)

When lighting conditions are extreme such as light sources shone directly at a camera, the image can be severely poor. Infinity BLC allows the camera to automatically adjust its exposure settings to compensate for such scenarios.

### Environmental

With an operating temperature range of -30 °C to +60 °C (-22 °F to +140 °F), the camera is designed for extreme temperature environments. Subjected and certified to rigorous dust and water immersion tests, the IP67 rating makes it suitable for demanding outdoor applications.

### Smart Encode (H.265)

Deliver high quality video without straining the network, Smart Encode H.265 offers significant quality gains over H.264 or MPEG-4 technologies. Reducing network bandwidth and storage without compromising quality of the video allows for significant longer term gains.

### HEVC (H.265)

H.265 ITU-T VCEG is a new video coding standard. H.265 Following standard developed around the existing video coding standard H.264, some retain the original technology, while some of the relevant technology to improve the new technology uses advanced technology to improve the relationship between the code stream, encoding quality, and the delay between algorithm complexity, optimize settings specific contents include: Improve compression efficiency, improve the robustness and error recovery capabilities, real-time to reduce the delay, reduce channel acquisition time and a random access delay, reduce complexity.

# Technical Specification

| Camera               |  |
|----------------------|--|
| Image Sensor         | 1/2.7" Progressive Scan CMOS   |
| Effective Pixels     | 2880(H)×1620(V)  |
| Scanning System      | Progressive  |
| Electronic Shutter   | 1/5-1/20000s   |
| Min. illumination    | Color:0.01Lux@(F1.2,AGC ON) ,<br>B/W:0Lux@(IR LED ON)  |
| S/N Ratio            | 55dB   |
| IR Range             | Up to 50m  |
| IR On/Off Control    | Auto/ Manual   |
| IR LEDs              | 18pcs  |
| Lens                 |  |
| Lens Type            | Motor  |
| Iris                 | Auto Iris  |
| Focal Length         | 2.8mm – 12mm   |
| F Number             | F1.6   |
| Angle of View        | 134°~38°   |
| Focus Control        | Motor  |
| Close Focus Distance | 0.2m   |
| Video                |  |
| Compression          | H.265,H.264,MJPEG  |
| Max. Resolution      | 1620P(2880×1620)   |
| Streaming Capability | 3 Streams  |
| Stream / Frame Rate  | Stream1: 2880×1620/1920×1080/1280×720 @ 25/30fps<br>Stream2: VGA/CIF/QVGA @ 25/30fps<br>Stream3: QVGA @ 25/30fps |
| Bit Rate Control     | CBR/VBR  |
| Bit Rate             | Stream1: 500kbps~8000kbps<br>Stream2: 100kbps~3000kbps   |
| Day/Night            | ICR  |
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| Image Settings       | Rotation, Saturation, Contrast, Hue, Sharpness   |
| Enhancement          | BLC  |
| Gain Control         | Auto   |
| Video Output         | N/A  |
| Image Stabilize      | N/A  |
| Smart IR             | Support  |
| Mirror               | Support  |

| Basic Intelligence    | Human Detection, Vehicle Detection, Line Cross, Detect Faces  |
|-----------------------|---|
| Motion Detection      | Support   |
| Privacy Masking       | Support   |
| Audio                 |   |
| Compression           | N/A   |
| Bit Rate              | N/A   |
| Network               |   |
| Protocols:            | IPv4/IPv6, 802.1x, HTTP, HTTPS, TCP/IP, UDP/IP, RTSP, DHCP, NTP, RTCP/RTP, PPPoE, SMTP, DNS, UPnP, FTP, ARP, SNMP |
| Interoperability      | ONVIF   |
| Streaming Method      | Unicast   |
| Max. User Access      | 10 Users  |
| Web Viewer            | <IE11, Chrome, Firefox  |
| Management Software   | Infinity IMS  |
| Smart Phone           | IOS, Android  |
| Interface             |   |
| Ethernet              | 1 Ethernet (10/100 Base-T) RJ-45 Connector  |
| Audio Interface       | 1x Audio input / 1x Audio output  |
| Alarm                 | 1x Alarm input / 1x Alarm output  |
| RS485                 | N/A   |
| BNC Output            | N/A   |
| Reset Button          | Support   |
| Edge Storage          | 1x Micro SD Card up to 256GB  |
| Electrical            |   |
| Power Supply          | DC12V / POE   |
| Power Consumption     | ≤ 9W  |
| Operating Temperature | -30°C ~ 60°C (-22°F ~ 140°F)  |
| Operating Humidity    | Less than 90% RH  |
| Ingress Protection    | IP67  |
| Certifications        | CE / FCC  |
| Casing                | Metal   |
| Net Weight            | Circa 850g  |