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 30m
- 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.

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Technical Specification

Camera

Image Sensor	1/2.7" Progressive Scan CMOS
Effective Pixels	2592(H)×1944(V)
Scanning System	Progressive
Electronic Shutter	1/5-1/20000s
Min. illumination	Color:0.01Lux@(F1.2,AGC ON) , B/W:0Lux@(IR LED ON)
S/N Ratio	55dB
IR Range	Up to 30m
IR On/Off Control	Auto/ Manual
IR LEDs	18pcs
Pan/Tilt/Rotation Range	Pan:0˚~355˚, Tilt:0˚~75˚, Rotation: 0˚~355˚

Lens

Lens Type	Motor
Iris	Auto Iris
Focal Length	2.8mm – 12mm
F Number	F1.6
Angle of View	103°~32°
Focus Control	Motor
Close Focus Distance	0.2m

Video

Compression	H.265,H.264/,MJPEG
Max. Resolution	1944P(2592×1944)
Streaming Capability	2 Streams
Stream / Frame Rate	Stream1: 2592×1944/1920×1080 Stream2: VGA/CIF/QVGA
Bit Rate Control	CBR/VBR
Bit Rate	Stream1: 500kbps~8000kbps Stream2: 100kbps~3000kbps
Day/Night	ICR
Day/Night	ICR
Image Settings	Rotation, Saturation, Contrast, Hue, Sharpness
Enhancement	BLC
Gain Control	N/A
Video Output	N/A
Image Stabilize	N/A
Smart IR	Support

Region of Interest	N/A
Motion Detection	N/A
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	N/A
Alarm	N/A
RS485	N/A
BNC Output	N/A
Reset Button	N/A
Edge Storage	N/A

Electrical

Power Supply	DC12V / POE
Power Consumption	$\leq$ 8W
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 1.9Kg

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