



NWBU-5VFC-iXP

5MP A.I Intelligent Analytics Motor Zoom All Colour Bullet Network Camera



Key Features:

- 1/2.8" Progressive Scan CMOS
- Motor 2.8mm ~ 12mm Lens
- 25fps/30fps@4MP(2688*1520)
- Multi Stream Output
- Smart White Light Up to 60m
- H.265+ Support; Low bitrate
- ONVIF Profile S, G, T
- Privacy Masks, Back Light Compensation (BLC)
- Intelligent Video Analytics
- 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 all-colour cameras emit a small amount of visible light allowing the camera to maintain colour images 24/7 whilst also maintaining Smart IR technology for low light and night time. The camera is IP67 weatherproof allowing for either internal or external use.

Features

Video Analytics

Get much more than what you see; thanks to Infinity Intelligent Video Analytics! Cameras can provide intelligent detection for specific rules including: Perimeter Detection, Line Crossing, Facial Detection & Facial Recognition, Human Detection and Vehicle Detection.

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 a temperature range of -30 °C to +60 ° 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 | 1/2.8" Progressive Scan STARLIGHT CMOS |
| Effective Pixels | 2688(H)×1520(V) |
| Scanning System | Progressive |
| Electronic Shutter | 1/5-1/20000s |
| Visible Range | Up to 60m |
| S/N Ratio | 55dB |
| LEDs Range | Smart White Light up to 60m |
| IR LEDs | 18pcs |

| Lens | |
|---------------|--------------|
| Lens Type | Motor |
| Iris | DC Auto Iris |
| Focal Length | 2.8mm - 12mm |
| F Number | F1.0 |
| Angle of View | 125° ~ 39° |
| Focus Control | Fixed |

| Video | |
|----------------------|---|
| Compression | H.265+, H.265, H.264, MJPEG |
| Max. Resolution | 1520P(2688×1520) |
| Streaming Capability | Up to 5 streams |
| Stream / Frame Rate | Main Streams: 2688x1520/2592x1520/1080P @25/30fps Sub Streams: 720P/VGA/CIF/QVGA @ 25/30fps Third Stream: QVGA @ 25/30fps |
| Bit Rate Control | CBR/VBR |
| Bit Rate | 256kbps~8000kbps |
| Day/Night | ICR |
| Image Settings | Rotation, Saturation, Contrast, Hue, Sharpness |
| Enhancement | BLC, 120dB+ WDR, Mirror, ROI, Image Flip, Image Stabilize (EIS), Automatic Gain Control (AGC), Corridor Mode |
| Smart LEDs | Support 60m White Light |

| DORI | | | | |
|--------------|--------|---------|-----------|----------|
| Focal Length | Detect | Observe | Recognize | Identify |
| f=2.8mm | 60m | 25m | 15m | 5m |
| f=12mm | 150m | 60m | 30m | 15m |

*environmental conditions, installation and camera positioning and other factors can affect camera performance against these figures

| | |
|--------------------|---------|
| Region of Interest | Support |
| Motion Detection | Support |
| Privacy Masking | Support |

| Audio | |
|-------------|----------|
| Compression | G.711 |
| Bit Rate | 8~64Kbps |

| 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 VMS Lite / VMS Free |
| Smart Phone | IOS, Android |

| Intelligence | |
|--------------|---|
| IVS | Perimeter Detection, Line Crossing, Facial Detection & Recognition & Comparison, Heat Map, People Counting Human & Vehicle Detection, Illegal Parking detection, Heat Map, Object Abandoned or Removed, Target Counting by line/area. Capturing of human body, vehicle non-vehicle and streams 13 human features and 4 vehicle features and 1 non-vehicle feature |

| Interface | |
|-----------------|--|
| Ethernet | 1 Ethernet (10/100 Base-T) RJ-45 Connector |
| Audio Interface | 1x Audio Input / 1x Audio Output / 1x Built-in MIC |
| Alarm | 1x Alarm Input / 1x Alarm Output |
| RS485 | N/A |
| BNC Output | 1x BNC CVBS |
| Reset Button | Support |
| Edge Storage | Mini SD Card Slot 1TB Support |

| Electrical | |
|-----------------------|--|
| Power Supply | DC12V / POE |
| Power Consumption | ≤ 11W |
| Operating Temperature | -30°C ~ 60°C / Less than 90% RH |
| Ingress Protection | IP67 |
| Certifications | CE / FCC / Directive EU RoHS / WEEE / directive 94/62/EC and REACH |
| Casing | Metal |
| Net Weight | Circa 1.1Kg |

Dimensions

