



NWDU-2FL-iXP

2MP A.I Intelligent Analytics Network Elevator Dome Camera



Key Features:

- 1/2.7" Progressive Scan STARLIGHT CMOS
- Fixed 2.1mm Lens for Elevator/Lift viewing
- 25fps/30fps@2MP(1920*1080)
- Multi Stream Output
- Smart IR 2.0 Up to 30m
- H.265+ Support; Low bitrate
- 120dB+ WDR, 3D DNR, BLC, ROI, Defog, HLC
- ONVIF Profile S, G, T
- Intelligent Video Analytics (IVA)
- ROI, Defog, HLC, Corridor mode, DIS
- IP67,IK10

Product Overview

Infinity Network Cameras support the latest H.265+ encoding technology, bringing high efficient video compression and maintaining quality. It saves network bandwidth and storage, whilst being energy-saving design to enhance the surveillance system. The range has world-leading features such as Smart IR 2.0 technology, PoE and intelligent video analytics techniques. Infinity cameras produce excellent image quality and intelligent and efficient event reminders. The camera is IP67 weatherproof and IK10 vandal-proof.

Features

Wide Dynamic Range

Embedded with industry leading wide dynamic range (WDR) technology, vivid pictures are achieved in even the most intense contrast lighting conditions. For applications with both bright and low lighting conditions that change quickly, true WDR (120dB+) optimizes both the bright and dark areas of a scene at the same time to provide usable video.

Starlight

Thanks to its market-leading Starlight sensor you can see beautiful vivid images in with 0 lux (no light) and with models with dual illumination (models that have IR and White Light) you can have either crisp Black & White or perfect Color images day or night.

Intelligent Video Analytics (IVA)

With built-in intelligent video analytics, the camera has the ability to detect and analyze moving objects for improved video surveillance. The camera provides optional standard intelligence at the edge allowing detection of Perimeter, Single Virtual Fences, Double Virtual Fences, Loitering, Multiple Loiterers, Objects Abandoned, Objects Removed, Abnormal Speed, Converse, Illegal Parking, Bad Signal.

Environmental

With a temperature range of -40 °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+ is the optimized implementation of H.265. The Smart H.265+ encoding technology includes a scene adaptive encoding strategy, dynamic GOP, dynamic ROI, flexible multi-frame reference structure and intelligent noise reduction, providing saving of up to 70% of bandwidth and storage when compared with standard H.265.

HEVC (H.265)

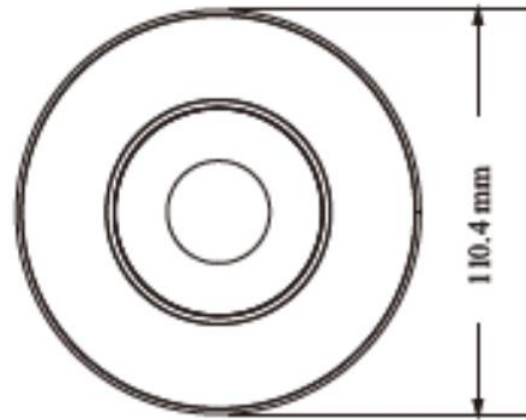
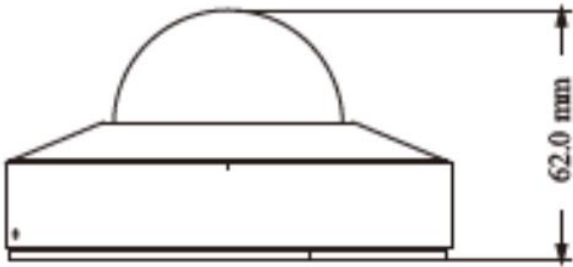
H.265 ITU-T VCEG is a new video coding standard. H.265 Following standard developed around the existing video coding standard H.264, some retain the original technology, while some of the relevant technology to improve the new technology uses advanced technology to improve the relationship between the 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 STARLIGHT CMOS |
| Effective Pixels | 1920(H)×1080(V) |
| Scanning System | Progressive |
| Electronic Shutter | 1/5-1/20000s |
| Min. illumination | Color:0.0001Lux@(F1.2,AGC ON) , B/W:0Lux@(IR LED ON) |
| S/N Ratio | 55dB |
| IR Range | Smart IR 2.0 up to 30m |
| IR On/Off Control | Auto/ Manual |
| Pan/Tilt/Rotation Range | Pan:0°~355°, Tilt:0°~75°, Rotation:±90° |
| Lens | |
| Lens Type | Fixed |
| Iris | Fixed Iris |
| Focal Length | 2.1mm |
| F Number | F1.2 |
| Angle of View | 130° Diagonal FOV |
| Focus Control | Fixed |
| Video | |
| Compression | H.265+, H.265, H.264, MJPEG |
| Max. Resolution | 1080P(1920×1080) |
| Streaming Capability | Up to 5 streams |
| Stream / Frame Rate | Main Streams:1920x1080/1280x720 @25/30fps Sub Streams: 720P/VGA/CIF/QVGA @ 25/30fps Third Stream: QVGA @ 25/30fps |
| Bit Rate Control | CBR/VBR |
| Bit Rate | 256kbps~6000kbps |
| Day/Night | ICR |
| Image Enhancement | BLC, 120dB+ WDR, 3D DNR, AGC |
| White Balance | Support |
| Gain Control | Auto/Manual |
| Noise Reduction | 2D/3D DNR |
| Image Stabilize | Support |
| Smart IR | Support Smart IR 2.0 |
| Mirror | Support |

| 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 S, G, T |
| 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, Single/Double Virtual Fences, Single Loiter, Multi Loiterer, Object Abandoned, Object Removed, Abnormal Speed, Converse, Illegal Parking, Signal Bad |
| Interface | |
| Ethernet | 1 Ethernet (10/100 Base-T) RJ-45 Connector |
| Audio Interface | 1x Input / 1x Output / 2ch Built-in MIC |
| Alarm | 1x Input / 1x Output |
| RS485 | N/A |
| BNC Output | N/A |
| Reset Button | Support |
| Edge Storage | Micro SD Card support up to 256GB |
| Electrical | |
| Power Supply | DC12V/POE |
| Power Consumption | 5W(IR LED OFF), 6W (IR LED ON) |
| Operating Temperature | 40°C ~ 60°C |
| Operating Humidity | Less than 90% RH |
| Ingress Protection | IP67, IK10 |
| Certifications | CE / FCC / Directive EU RoHS / WEEE / directive 94/62/EC and REACH |
| Casing | Metal |
| Dimensions | φ 110×62mm |
| Net Weight | 420g |

Dimensions(mm)



Accessories

Optional:



NWD-JBF
Junction Box



NWD-WBF
Wall Mount