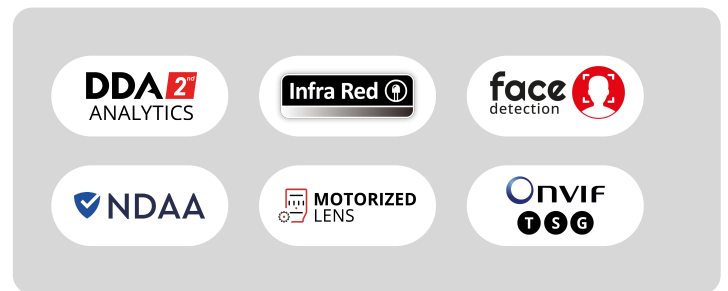
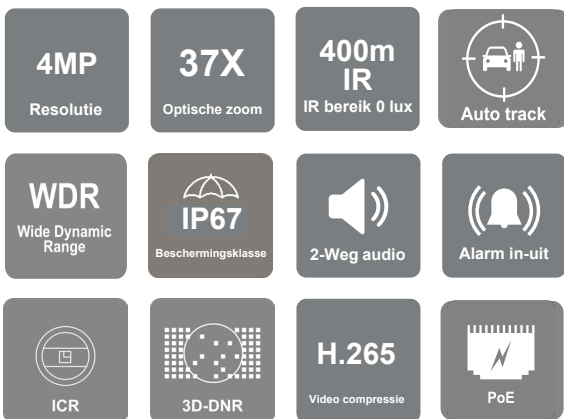


# Z7-37IPEN-4(IR)

**NDAA 7" IP PTZ with 4MP x37 zoom, with DDA Analytics and PoE++, wall bracket included**

The Z7-37IPEN-4(IR) is an NDAA AI IP PTZ offers impressive video quality and features. The Z7 provides full connectivity options, ultra-fast motor speed, and rugged build quality while keeping a sleek design. It can be installed almost anywhere with the optional accessories and provide full compatibility with Provision-ISR's platforms (Ossia NVRs, Ossia VMS, Provision Cam2 Mobile App)



## MAIN FEATURES

- Z7-37IPEN-4(IR)
- Sensor: 1/1.8" CMOS
- Resolution: 2560x1440 1-25/30FPS (4MP)
- Lens: x37 6mm (F1.2) - 222mm (F4.6)
- Compression: H.265 / H.264 / H.265+ / H.264+ / MJPEG
- True WDR (120dB)/HLC/BLC/3D-DNR
- True Day&Night - ICR
- Smart IR Distance: 400m
- Preset Speed: 240°/Sec
- Preset Accuracy: 0.1°
- Pan Range: 360° (Endless)
- Tilt Range: -25°~155° (With Auto Flip)
- Preset Positions: 360
- 4 Patterns/8 Cruises/Park Action/Scheduled Tasks
- Alarm In/Out:2
- Audio In/Out:1
- SD Card: Event/Schedule Record (256GB)
- Fan & Heater
- ONVIF: Profile T/S/G
- IP67 Water-Proof
- Power Supply: PoE++ (802.3bt) / AC24V/3A
- Weight: ~6Kg



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SPECIFICATIONS

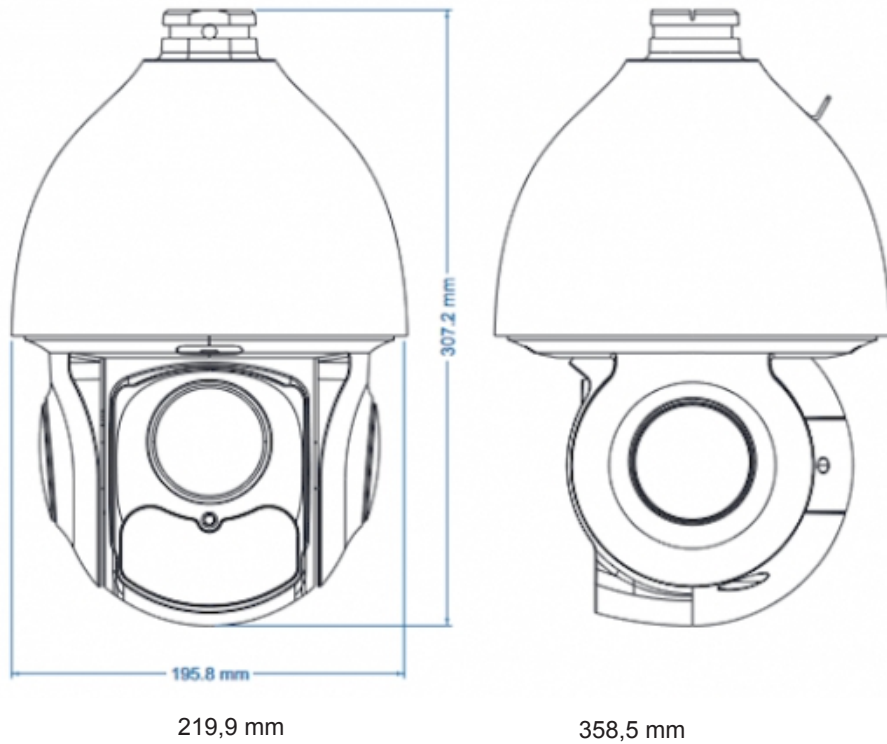
| Video                    |                                                                                                          |
|--------------------------|----------------------------------------------------------------------------------------------------------|
| Image Sensor             | 1/1.8" CMOS                                                                                              |
| Effective Pixels         | 2560×1440                                                                                                |
| Sync System              | Progressive Scan                                                                                         |
| Electronic Shutter       | 1/25~1/25000s                                                                                            |
| Day & Night              | ICR                                                                                                      |
| Min. Illumination        | Color: 0.0005Lux@(F1.2, AGC on), B/W: 0.0001Lux@(F1.2, AGC on), 0Lux with IR                             |
| NDAA Compliant           |                                                                                                          |
| NDAA Compliant           | Yes                                                                                                      |
| Lens                     |                                                                                                          |
| Optical Zoom             | x37                                                                                                      |
| Digital Zoom             | x8                                                                                                       |
| Focal Length             | 6mm (F1.2) – 222mm (F4.6)                                                                                |
| Aperture Range           | F1.2 ~ F4.6                                                                                              |
| Focus                    | Auto/Manual                                                                                              |
| Minimum Focus Distance   | 1M~10M                                                                                                   |
| Horizontal Field of View | 59°(wide) ~ 1.98°(tele)                                                                                  |
| Detect                   | f=222mm: 2,960m(8126.6 f.t.)                                                                             |
| Recognize                | f=222mm: 592m(1625.3f.t.)                                                                                |
| Identify                 | f=222mm: 296m(812.7 f.t.)                                                                                |
| AI Features              |                                                                                                          |
| Analytics                | AI: DDA Sterile Area, DDA Line Crossing, DDA Object Counting, Face Recognition General: Camera Tampering |
| Smart Tracking           | Auto Tracking based on DDA (Human / Vehicle)                                                             |
| Face Recognition         | Up to 15 face detections and 3 face recognitions per second                                              |

|                        |                                                                                                              |
|------------------------|--------------------------------------------------------------------------------------------------------------|
| Face Database          | Up to 10000 faces                                                                                            |
| PTZ Features           |                                                                                                              |
| Pan Range              | 360° (Endless)                                                                                               |
| Pan Speed              | Manual: 0.1~240°/s; Preset speed:240°/s                                                                      |
| Tilt Range             | -25°~155° (With Auto Flip)                                                                                   |
| Tilt Speed             | Manual: 0.1~180°/s; Preset speed:180°/s                                                                      |
| Presets                | 360                                                                                                          |
| Patterns               | 4 Tracks. Up to 3 minutes each                                                                               |
| Cruise                 | 8 cruises (16 presets per cruise)                                                                            |
| Scan                   | Standard / Random (with left and right boundary)                                                             |
| Park Action            | Preset/Cruise/Pattern/Auto Scan/Random Scan                                                                  |
| Power Up Action        | Preset/Cruise/Pattern/Auto Scan/Random Scan                                                                  |
| Schedule               | Up to 8 tasks (Preset/Cruise/Pattern/Auto Scan/Random Scan)                                                  |
| 3D Control             | Supported (Via Provision-ISR Devices)                                                                        |
| Image Enhancement      |                                                                                                              |
| Image Settings         | AWB Adjustable Exposure Mode Sharpness, Saturation, Brightness & Contrast<br>Adjustable Auto Gain Adjustable |
| WDR Range              | True WDR (120dB)                                                                                             |
| BLC-HLC                | Yes                                                                                                          |
| 3D-DNR Noise Reduction | 3D-DNR                                                                                                       |
| EIS                    | Yes                                                                                                          |
| Defog                  | Yes                                                                                                          |
| Image Orientation      | Mirror/Flip                                                                                                  |
| Dynamic Privacy Zone   | Yes                                                                                                          |

|                     |                                                    |
|---------------------|----------------------------------------------------|
| Privacy Zone        | Up to 4 square masks                               |
| Motion Detection    | Yes                                                |
| Audio               |                                                    |
| Audio Compression   | G.711A/G.711U                                      |
| Communication       | 2-Way Audio                                        |
| Housing             |                                                    |
| IR Distance         | 400m                                               |
| Illumination Type   | IR LED                                             |
| Wiper               | No                                                 |
| Smart IR            | Yes                                                |
| Network             | RJ45                                               |
| Analog Video Output | No                                                 |
| Audio Input         | 1Ch                                                |
| Audio Output        | 1Ch                                                |
| SD Card             | Yes (microSD/SDHC/SDXC. Up to 256GB)               |
| RS-485              | Yes                                                |
| Alarm In            | 2 Dry Contact                                      |
| Alarm Out           | 2 Dry Contact                                      |
| Power Consumption   | Max 51W (With IR, Heater and Fan working)          |
| Power Supply        | PoE++ (802.3bt) / AC24V/3A                         |
| Work Environment    | -30°C~50°C, 10%~90% Humidity (Cold start at -20°C) |
| Protection Rate     | Water Proof: IP67                                  |
| Fan & Heater        | Yes                                                |

|                         |                                                                                                                                                                                            |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Dimensions              | Φ 219.9mm × 358.5mm                                                                                                                                                                        |
| Weight (Gross)          | ~6Kg                                                                                                                                                                                       |
| Network                 |                                                                                                                                                                                            |
| Interface               | 1 RJ45 10M/100M Adaptive Ethernet (Support PoE++ 802.3.at)                                                                                                                                 |
| User Access             | Supports simultaneous monitoring of up to 6 users with multi-stream real-time transmission                                                                                                 |
| Network Protocols       | HTTP, HTTPS, IPv4/IPv6, 802.1x, QoS, FTP, SMTP, UPnP, SNMP,DNS, DDNS, NTP, RTSP, RTCP, RTP, TCP/IP, P2P, UDP, IGMP, ICMP,DHCP, PPPoE, HTTP POST                                            |
| ONVIF                   | Profile T/S/G                                                                                                                                                                              |
| Remote Monitoring       | IE Browsing (Plug-In required), Chrome/Edge/Safari/Firefox plug-in free browsing, Ossia VMS Software, Provision Cam2 Mobile App                                                            |
| Compression             |                                                                                                                                                                                            |
| Video Compression       | H.265 / H.264 / H.265+ / H.264+ / MJPEG                                                                                                                                                    |
| Resolutions and Streams | Main stream: 2560×1440 (4MP), 2304×1296 (3MP), 1920×1080 (2MP), 1280×720 (720P) Substream: 1280×720 (720P), 704×576 (D1), 352×288 (CIF) Third stream: 704×576 (D1), 480×240, 352×288 (CIF) |
| FPS                     | 1-25/30FPS                                                                                                                                                                                 |
| Bit-Rate                | 64Kbps ~ 7168Kbps@H.265 / 128Kbps ~ 8192Kbps@H.264                                                                                                                                         |
| Encode Mode             | VBR/CBR                                                                                                                                                                                    |
| Image Quality           | Five levels under VBR; Free adjustment under CBR                                                                                                                                           |

## DIMENSIONS



## ACCESSORIES



PR-WJB-Z



PR-B60ECB



meegeleverd

Sinds 2014 gedistribueerd door



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