

# SN-IPR5340KFBS-S-Z

4MP Smart Dual Illumination Bullet Network Camera



## Key Features

- 1/3" progressive scan CMOS, up to 4MP (2560 × 1440) @25/30fps
- 2.7 to 13.5 mm motorized varifocal lens
- Supports face, human, and vehicle detection.
- Intelligent analytics: Intrusion, smart motion detection, single line crossing, double line crossing, loitering, wrong-way detection, illegal parking, and people counting.
- DWDR, 3D DNR, ROI, HLC, BLC, Defog
- Built-in IR and warm light illumination up to 40 m
- Built-in microphone and speaker for two-way audio
- Built-in microSD card slot supporting up to 1 TB
- IP66-rated protection

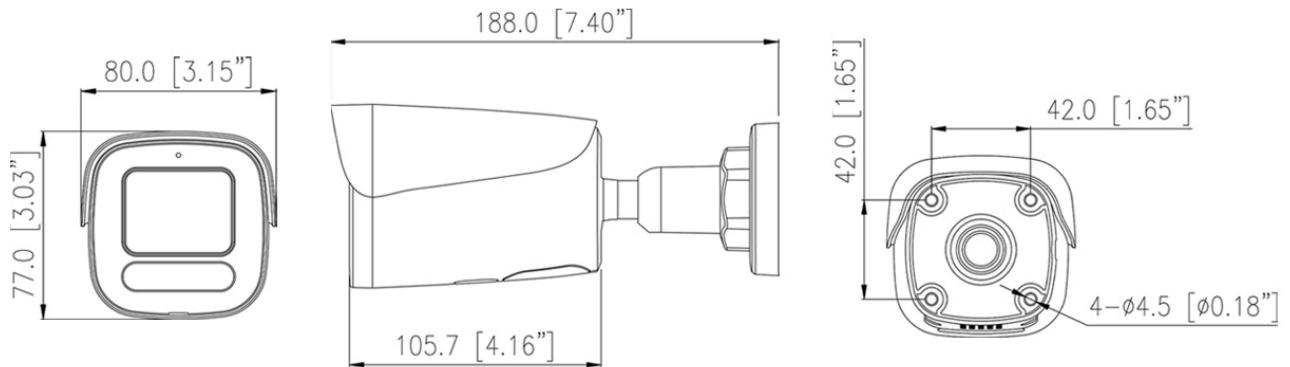
## Specifications

| Camera                    |                                                                                                                                                                                                                    |
|---------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Image Sensor              | 1/3" Progressive Scan CMOS                                                                                                                                                                                         |
| Max Resolution            | 4MP, 2560(H) × 1440(V)                                                                                                                                                                                             |
| Shutter Speed             | 1/5 to 1/20,000s                                                                                                                                                                                                   |
| Min Illumination          | Color: 0.01 Lux @ (F1.6, AGC ON),<br>B/W: 0.005 Lux @ (F1.6, AGC ON), 0 Lux with illuminator on                                                                                                                    |
| Day & Night               | Auto (ICR)                                                                                                                                                                                                         |
| Angle Adjustment          | Pan: 0° to 360°, Tilt: 0° to 90°, Rotation: 0° to 360°                                                                                                                                                             |
| Lens                      |                                                                                                                                                                                                                    |
| Lens Type                 | Varifocal lens, motorized focal                                                                                                                                                                                    |
| Focal Length              | 2.7 to 13.5 mm                                                                                                                                                                                                     |
| Max. Aperture             | F1.6                                                                                                                                                                                                               |
| Field of View (FOV)       | H: 90° to 29.8°, V: 48.3° to 16.8°                                                                                                                                                                                 |
| Iris                      | Fixed Iris                                                                                                                                                                                                         |
| Illuminator               |                                                                                                                                                                                                                    |
| Type                      | IR, Warm light                                                                                                                                                                                                     |
| IR wavelength             | 850 nm                                                                                                                                                                                                             |
| Distance                  | IR distance up to 40 m (131.2 ft)<br>Warm light distance up to 30 m (98.4 ft)                                                                                                                                      |
| Control                   | IR mode, White mode, Intelligent mode, None                                                                                                                                                                        |
| Intelligent Analytics     |                                                                                                                                                                                                                    |
| AI Multi-Target Detection | Supports face, human, and vehicle detection.                                                                                                                                                                       |
| Intelligent Analysis      | Intrusion, smart motion detection, single line crossing, double line crossing, loitering, wrong-way detection, and illegal parking.<br>- Supports alarm triggering based on specified target types (human/vehicle) |
| People Counting           | Supported                                                                                                                                                                                                          |
| Video & Audio             |                                                                                                                                                                                                                    |
| Number of Streams         | 3 Streams                                                                                                                                                                                                          |
| Resolution                | Stream 1: 2560 × 1440, 2304 × 1296, 1920 × 1080, 1280 × 720<br>Stream 2: D1, VGA, CIF<br>Stream 3: VGA, CIF, QVGA                                                                                                  |
| Frame Rate                | Up to 25/30 fps                                                                                                                                                                                                    |
| Bit Rate Control          | CBR/VBR                                                                                                                                                                                                            |

|                                   |                                                                                                                                                   |
|-----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| Bit Rate                          | Stream 1: 200 Kbps to 12 Mbps<br>Stream 2: 100 Kbps to 6 Mbps<br>Stream 3: 100 Kbps to 3 Mbps                                                     |
| Smart Encoding                    | Supported                                                                                                                                         |
| Region of Interest (ROI)          | Up to 8 zones                                                                                                                                     |
| Audio Compression                 | G.711 A-law, G.711 $\mu$ -law, RAW_PCM                                                                                                            |
| Audio Bit Rate                    | 64 Kbps (G.711), 128 Kbps (RAW_PCM)                                                                                                               |
| <b>Image</b>                      |                                                                                                                                                   |
| Image Adjustment                  | Brightness, Sharpness, Contrast, Saturation adjustable                                                                                            |
| Scene Mode                        | Indoor, Outdoor, Mirror, Corridor mode                                                                                                            |
| Exposure Mode                     | Auto, Manual, Shutter priority                                                                                                                    |
| White Balance                     | Auto, Tungsten, Fluorescent, Daylight, Shadow, Manual                                                                                             |
| Day/Night Setting                 | Auto, Day mode, Night mode, Timer                                                                                                                 |
| Noise Reduction                   | 2D/3D DNR                                                                                                                                         |
| Image Enhancement                 | HLC, BLC, Defog, WDR                                                                                                                              |
| Wide Dynamic Range                | DWDR                                                                                                                                              |
| Privacy Masking                   | Up to 4 configurable zones                                                                                                                        |
| <b>Event</b>                      |                                                                                                                                                   |
| Alarm Triggers                    | IVS, Motion detection, Network alarm, Disk alarm, Day/Night switch alarm, Abnormal sound detection                                                |
| Event Actions                     | Alarm record, FTP upload, Email notification, White light alarm output, Audible alarm output                                                      |
| <b>Network</b>                    |                                                                                                                                                   |
| Protocols                         | IPv4/IPv6, HTTP/HTTPS, DNS, DDNS, DHCP, PPPoE, RTSP/ RTP/RTCP, TCP/UDP, NTP, ARP, UPnP, FTP, SMTP, QoS, ICMP, IGMP, SMTP, 802.1x, SNMP, Multicast |
| Application Programming Interface | ONVIF (Profile S/T/G/M), SDK, CGI                                                                                                                 |
| Max Concurrent Streams            | 4 channels                                                                                                                                        |
| User/Host Level                   | Up to 32 users; 3 levels: Administrator, Operator, and Media User                                                                                 |
| Web Viewer                        | Chrome, Firefox, Microsoft Edge, IE11 or earlier                                                                                                  |
| <b>Security</b>                   |                                                                                                                                                   |
| OS / Firmware Protect             | Encrypted firmware, Secure boot, Signed firmware                                                                                                  |
| User Authentication               | Digest authentication, Brute-force attack protection                                                                                              |
| Network Authentication            | IEEE 802.1X (EAP-TLS)                                                                                                                             |
| Secure Communication              | HTTPS, WSS (WebSocket Secure), SRTP                                                                                                               |
| Access Control                    | IP-based access control, Auto logout                                                                                                              |
| Data Protect                      | Encryption credentials                                                                                                                            |
| Audit                             | Access, system, and event logs                                                                                                                    |
| Secure Storage                    | AES-256 encrypted SD card storage                                                                                                                 |

|                                            |                                                                                                                                                                                          |
|--------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Supply Chain Security                      | SBOM                                                                                                                                                                                     |
| <b>Interface</b>                           |                                                                                                                                                                                          |
| Network Interface                          | 1 × RJ45 10/100 Mbps Ethernet port                                                                                                                                                       |
| Built-in Microphone                        | Supported                                                                                                                                                                                |
| Built-in Speaker                           | Supported                                                                                                                                                                                |
| SD Card Slot                               | Built-in microSD card slot (up to 1 TB)                                                                                                                                                  |
| Reset Button                               | Supported                                                                                                                                                                                |
| <b>General</b>                             |                                                                                                                                                                                          |
| Language                                   | English, Chinese, Traditional Chinese, Polish, Italian, Portuguese, Spanish, Russian, French, Czech, Hungarian, Japanese, Korean. Default: English                                       |
| Power Supply                               | 12 VDC (-15% to +25%)/PoE (802.3af)                                                                                                                                                      |
| Power Consumption                          | Typical: 1.7 W (12 VDC) / approx. 2.2 W (PoE)<br>Max (Light on + Focus): 6.5 W (12 VDC) / approx. 8.2 W (PoE)<br>Max (Light on + Focus + Speaker): 9.1 W (12 VDC) / approx. 11.4 W (PoE) |
| Operating Temperature                      | -25 °C to 55 °C (-13 °F to 131 °F )                                                                                                                                                      |
| Operating Humidity                         | < 90% RH, non-condensing                                                                                                                                                                 |
| Ingress Protection                         | IP66                                                                                                                                                                                     |
| Certifications                             | CE-EMC: EN 55032, EN IEC 61000-6-4, EN IEC 61000-3-2, EN 61000-3-3, EN 55035, EN 50130-4<br>FCC: 47 CFR Part 15, Subpart B                                                               |
| Material                                   | Aluminum alloy housing; PC components                                                                                                                                                    |
| Dimensions                                 | 188 × 80 × 77 mm (7.4 × 3.15 × 3.03 inch)                                                                                                                                                |
| Net Weight                                 | Approx. 0.53 kg (1.17 lb)                                                                                                                                                                |
| <b>DORI Distance (EN 62676-4 standard)</b> |                                                                                                                                                                                          |
| Detect                                     | 73 to 210 m (239.5 to 689.0 ft)                                                                                                                                                          |
| Observe                                    | 29.2 to 84 m (95.8 to 275.6 ft)                                                                                                                                                          |
| Recognize                                  | 14.6 to 42 m (47.9 to 137.8 ft)                                                                                                                                                          |
| Identify                                   | 7.3 to 21 m (24.0 to 68.9 ft)                                                                                                                                                            |

## Dimensions (mm)



## Accessories

### Optional:



SN-CBK656A  
Junction Box



SN-CBK627D  
Pole Mount