

KX-CW4011ZSN3

4MP WDR IR Bullet Network Camera

Design and specifications are subject to change without notice. Pictures in the document are for reference only, and the actual product shall prevail.



- 4MP, 1/3" CMOS image sensor, low illuminance, high image definition
- Outputs 4MP (2560 × 1440)@25/30fps, Max. supports 4MP (2688 × 1520)@20 fps
- H.265 codec, high compression ration, ultra-low bit rate
- Built-in IR LED, max IR distance: 30 m
- ROI, SMART H.264/H.265, flexible coding, applicable to various bandwidth and storage environments
- Rotation mode, WDR, 3D DNR, HLC, BLC, digital watermarking, applicable to various monitoring scenes
- Intelligent detection: Intrusion, tripwire
- Abnormality detection: Motion detection, video tampering, no SD card, SD card full, SD card error, network disconnected, IP conflict, illegal access, voltage detection
- Supports max. 256 GB Micro SD card
- 12V DC/PoE power support
- IP67 protection grade



Technical Specification

Camera

| | |
|--------------------------|---|
| Image Sensor | 1/3" 4Megapixel progressive CMOS |
| Effective Pixels | 2688 (H) × 1520 (V) |
| ROM | 128 MB |
| RAM | 128 MB |
| Scanning System | Progressive |
| Electronic Shutter Speed | Auto/Manual 1/3 s–1/100000 s |
| Min. Illumination | 0.008 Lux@F1.6 |
| IR Distance | 30 m (98.43 ft) |
| IR On/Off Control | Auto/Manual |
| IR LEDs Number | 1 |
| Pan/Tilt/Rotation Range | Pan: 0°–360° Tilt: 0°–90° Rotation: 0°–360° |

Lens

| | | | | | |
|----------------------|--|---------------------|-----------------------|----------------------|---------------------|
| Lens Type | Fixed-focal | | | | |
| Mount Type | M12 | | | | |
| Focal Length | 2.8 mm 3.6 mm | | | | |
| Max Aperture | F1.6 F1.6 | | | | |
| Field of View | 2.8 mm: Pan: 102.0° Tilt: 55.0° Diagonal: 121.0° 3.6 mm : Pan: 84.0° Tilt: 45.0° Diagonal: 100.0° | | | | |
| Iris Type | Fixed aperture | | | | |
| Close Focus Distance | 2.8 mm: 0.9 m (2.95 ft) 3.6 mm: 1.6 m (3.61 ft) | | | | |
| DORI Distance | Lens | Detect | Observe | Recognize | Identify |
| | 2.8 mm | 56 m (183.73 ft) | 22.4 m (73.49 ft) | 11.2 m (36.75 ft) | 5.6 m (18.37 ft) |
| | 3.6 mm | 80 m (262.47 ft) | 32.0 m (104.99 ft) | 16.0 m (52.49 ft) | 8.0 m (26.25 ft) |

Smart event

| | |
|-----------------------|---------------------|
| General IVS Analytics | Tripwire; intrusion |
|-----------------------|---------------------|

Video

| | |
|--------------------------|--|
| Video Compression | H.265; H.264; H.264B; MJPEG |
| Smart Codec | Yes |
| Video Frame Rate | Main stream: 2688 × 1520 (1 fps-20 fps) 2560 × 1440 (1 fps-25/30 fps) Sub stream: 704 × 576 (1 fps-25 fps) 704 × 480 (1 fps-30 fps) |
| Stream Capability | 2 stream |
| Resolution | 2688 × 1520 (2688 × 1520); 2560 × 1440 (2560 × 1440); 2304 × 1296 (2304 × 1296); 1080p (1920 × 1080); 1.3M (1280 × 960); 720P (1280 × 720); D1 (704 × 576/704 × 480); VGA (640 × 480); CIF (352 × 288/352 × 240) |
| Bit Rate Control | CBR/VBR |
| Video Bit Rate | H.264: 32 Kbps-6144 Kbps H.265: 12 Kbps-6144 Kbps |
| Day/Night | Auto(ICR)/Color/B/W |
| BLC | Yes |
| HLC | Yes |
| WDR | 120 dB |
| White Balance | Auto/natural/street lamp/outdoor/manual/regional custom |
| Gain Control | Auto/Manual |
| Noise Reduction | 3D DNR |
| Motion Detection | OFF/ON (4 areas, rectangular) |
| Region of Interest (Rol) | Yes (4 areas) |
| Smart IR | Yes |
| Image Rotation | 0°/90°/180°/270° (Supports 90°/270° with 1080p resolution and lower.) |
| Mirror | Yes |
| Privacy Masking | 4 areas |

Network

| | |
|----------|--|
| Network | RJ-45 (10/100 Base-T) |
| Protocol | IPv4; IPv6; HTTP; HTTPS; TCP; UDP; ARP; RTP ; RTSP; RTCP; RTMP; SMTP; FTP; SFTP; DHCP; DNS; DDNS; QoS; UPnP; NTP; Multicast; ICMP; IGMP; NFS; PPPoE; 802.1x; Bonjour |

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| | |
|----------------------|---|
| Interoperability | ONVIF (Profile S/Profile G/Profile T); CGI; P2P; Milestone; Genetec |
| User/Host | 20 |
| Edge Storage | FTP; SFTP; Micro SD Card (suppor max 256 GB); NAS |
| Browser | IE Chrome Firefox |
| Management Softwre | KBIVMS, KBVIEW LITE, KBVIEW PRO |
| Mobile Phone | IOS; Android |
| Power | |
| Power Supply | 12V DC/PoE (802.3af) |
| Power Consumption | < 5W |
| Environment | |
| Operating Conditions | -40°C to +60°C (-40°F to +140°F)/less than ≤ 95% RH |

| | |
|---------------------|----------------------------------|
| Storage Temperature | -40°C to +60°C (-40°F to +140°F) |
| Protection Grade | IP67 |

Structure

| | |
|--------------|------------------------------------|
| Casing | Metal |
| Dimensions | 166.2 mm x ø70 mm (6.54" x ø2.76") |
| Net Weight | 0.48 kg (1.1 lb) |
| Gross Weight | 0.57 kg (1.3 lb) |

Dimensions (mm[inch])

