

KX-D8002iN

8MP IR Mini Dome Network Camera



- 1/2.5" 8Megapixel STARVIS™ CMOS
- H.265+&H.265 triple-stream encoding
- 15fps@4K(3840×2160),25/30fps@3M(2304×1296)
- Smart Detection supported
- WDR(120dB), Day/Night(ICR), 3DNR,AWB,AGC,BLC
- Multiple network monitoring: KBiVMS, KBView Lite, KBView Pro
- 1/1 Alarm in/out, 1/1 audio in/out
- Max. IR LEDs Length 30m
- 4mm fixed lens
- Micro SD memory, IP67, IK10, PoE, ePoE



Technical Specification

Camera

| | |
|--------------------------|--|
| Image Sensor | 1/2.5" 8Megapixel STARVIS™ CMOS |
| Effective Pixels | 3840(H)×2160(V) |
| RAM/ROM | 512MB/32MB |
| Scanning System | Progressive |
| Electronic Shutter Speed | Auto/Manual, 1/3(4)~1/100000s |
| Minimum Illumination | 0.06Lux/F1.6(Color,1/3s,30IRE) 0.3Lux/F1.6(Color,1/30s,30IRE) 0Lux/F1.6(IR on) |
| S/N Ratio | More than 50dB |
| IR Distance | Distance up to 30m (98ft) |
| IR On/Off Control | Auto/ Manual |
| IR LEDs | 18 |

Lens

| | | | | | |
|----------------------|---------------------------|------------|------------|-----------|----------|
| Lens Type | Fixed | | | | |
| Mount Type | Board-in | | | | |
| Focal Length | 4 mm | | | | |
| Max. Aperture | F1.6 (F1.6) | | | | |
| Angle of View | H:112° (88°), V:69° (48°) | | | | |
| Optical Zoom | N/A | | | | |
| Focus Control | Fixed | | | | |
| Close Focus Distance | 0.9m(1.7m) | | | | |
| DORI Distance | Lens | Detect | Observe | Recognize | Identify |
| | 2.8 mm | 69m(226ft) | 28m(92ft) | 14m(46ft) | 7m(23ft) |
| | 4.0 mm | 89m(292ft) | 36m(118ft) | 18m(59ft) | 9m(30ft) |

Pan/Tilt/Rotation

| | |
|-------------------------|--|
| Pan/Tilt/Rotation Range | Pan:0°~355°; Tilt:0°~65°; Rotation:0°~355° |
|-------------------------|--|

Intelligence

| | |
|--------------------------------|---|
| IVS | Tripwire, Intrusion, Object Abandoned/Missing |
| Advanced Intelligent Functions | Face Detection |

Video

| | |
|----------------------|---|
| Compression | H.265+/H.265/H.264+/H.264 |
| Streaming Capability | 3 Streams |
| Resolution | 4K(3840×2160)/6M(3072×2048)/5M(2560×1920)/ 3M(2048×1536)/3M(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) |
| Frame Rate | Main Stream: 4K(1~15fps)/3M(1~25/30fps) |
| | Sub Stream: D1(1~25/30fps) |
| | Third Stream: 1080P(1~25/30fps) |
| Bit Rate Control | CBR/VBR |
| Bit Rate | H.264: 24K ~ 10240Kbps H.265: 14K ~ 9984Kbps |
| Day/Night | Auto(ICR) / Color / B/W |
| BLC Mode | BLC / HLC / WDR(120dB) |

| | |
|--------------------------------------|---|
| White Balance | Auto/Natural/Street Lamp/Outdoor/Manual |
| Gain Control | Auto/Manual |
| Noise Reduction | 3D DNR |
| Motion Detetion | Off / On (4 Zone, Rectangle) |
| Region of Interest | Off / On (4 Zone) |
| Electronic Image Stabilization (EIS) | N/A |
| Smart IR | Support |
| Defog | N/A |
| Digital Zoom | 16x |
| Flip | 0°/90°/180°/270° |
| Mirror | Off / On |
| Privacy Masking | Off / On (4 Area, Rectangle) |

Audio

| | |
|-------------|-----------------------------|
| Compression | G.711a/ G.711Mu/ AAC/ G.726 |
|-------------|-----------------------------|

Network

| | |
|---------------------|---|
| Ethernet | RJ-45 (10/100Base-T) |
| Protocol | HTTP; HTTPS; TCP; ARP; RTSP; RTP; UDP; SMTP; FTP; DHCP; DNS; DDNS; PPPOE; IPv4/v6; QoS; UPnP;NTP; Bonjour; 802.1x; Multicast; ICMP; IGMP; SNMP |
| Interoperability | ONVIF, PSIA, CGI |
| Streaming Method | Unicast / Multicast |
| Max. User Access | 10 Users /20 Users |
| Edge Storage | NAS Local PC for instant recording Mirco SD card 128GB |
| Web Viewer | IE, Chrome, Firefox, Safari |
| Management Software | KBiVMS, KBView Lite, KBView Pro |
| Smart Phone | IOS, Android |

Interface

| | |
|-----------------|--|
| Video Interface | N/A |
| Audio Interface | 1/1 channel In/Out |
| RS485 | N/A |
| Alarm | 1 channel In: 5mA 5VDC 1 channel Out: 300mA 12VDC |

Electrical

| | |
|-------------------|-------------------------------------|
| Power Supply | DC12V, PoE (802.3af)(Class 0), ePoE |
| Power Consumption | <5.5W |

KX-D8002iN

8MP IR Mini Dome Network Camera

Environmental

| | |
|----------------------|---|
| Operating Conditions | -30° C ~ +60° C (-22° F ~ +140° F) / Less than 95% RH |
| Storage Conditions | -30° C ~ +60° C (-22° F ~ +140° F) / Less than 95% RH |
| Ingress Protection | IP67 |
| Vandal Resistance | IK10 |

Construction

| | |
|--------------|-----------------------------|
| Casing | Metal |
| Dimensions | Φ109.9mm×81mm (4.33"×3.19") |
| Net Weight | 0.41kg (0.91lb) |
| Gross Weight | 0.53 kg (1.17lb) |

Dimensions (mm/inch)

