

KX-DAi2205MN-EB

2MP Pro AI IR Vari-focal Bullet Network Camera



- 1/2.8" 2Megapixel progressive scan Sony Starvis
- H.265 & H.264 triple-stream encoding
- 25/30 fps@1080P (1920 x 1080)
- WDR (120 dB), Day/Night (ICR), 3D DNR, AWB, AGC, BLC
- Multiple network monitoring: Web viewer, KBiVMS, KBView Plus
- 2.7 mm–13.5 mm motorized lens
- 2/1 Alarm in/out, 1/1 audio in/out
- Max. IR LEDs Length 50 m
- Micro SD memory, IP67, IK10



| Camera | | | | | |
|--------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|-------------|------------|------------|
| Image Sensor | 1/2.8" 2Megapixel progressive scan Sony Starvis | | | | |
| Effective Pixels | 1920 (H) × 1080 (V) | | | | |
| RAM/ROM | 512 MB/128 MB | | | | |
| Scanning System | Progressive | | | | |
| Electronic Shutter Speed | Auto/Manual, 1/3 s–1/100000 s | | | | |
| Minimum Illumination | 0.002 Lux@F1.5 | | | | |
| IR Distance | Distance up to 50 m (164 ft) | | | | |
| IR On/Off Control | Auto/Manual | | | | |
| IR LEDs | 4 | | | | |
| Lens | | | | | |
| Lens Type | Motorized vari-focal | | | | |
| Mount Type | Board-in | | | | |
| Focal Length | 2.7 mm–13.5 mm | | | | |
| Max. Aperture | F1.5 | | | | |
| Angle of View | H: 109°–30°, V: 57°–17° | | | | |
| Aperture Type | Auto | | | | |
| Close Focus Distance | 0.8 m (2.62 ft) | | | | |
| DORI Distance | Lens | Detect | Observe | Recognize | Identify |
| | W | 44m (144ft) | 18m (59ft) | 9m (30ft) | 4m (13ft) |
| | T | 146m (479ft) | 58m (190ft) | 29m (95ft) | 15m (49ft) |
| Pan/Tilt/Rotation | | | | | |
| Pan/Tilt/Rotation Range | Pan: 0°–360°, Tilt: 0°–90°, Rotation: 0°–360° | | | | |
| Artificial Intelligence | | | | | |
| Face Detection | Support face image capture | | | | |
| Face Attributes | Support 6 kinds of face attributes extraction: Age, Gender, Expression (Jolly, Surprise, Normal, Rage, Sad, Disgusted, Confused, Frightened), Glasses, Mouth Mask, Moustache & Beard | | | | |

| Perimeter Protection | Tripwire, intrusion (Recognition of vehicle and people), fast moving, loitering detection, parking detection and people gathering |
|----------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| People Counting | Support Line crossing/Region/Queueing people counting; Support 4 accesses independent detection, 4 areas independent detection |
| General Intelligence | |
| Event Trigger | Motion detection, Video tampering, Scene changing, Network disconnection, IP address conflict, Illegal Access, Storage anomaly |
| General Intelligence | Object Abandoned/Missing |
| Heat Map | Yes |
| Video | |
| Compression | H.265, H.264, H.264B, H.264H, MJPEG (sub stream) |
| Smart Codec | Yes |
| Streaming Capability | 3 Streams |
| Resolution | 1080P (1920 × 1080)/1.3 M (1280 × 960)/720P (1280 × 720)/D1 (704 × 576/704 × 480)/VGA (640 × 480)/CIF (352 × 288/352 × 240) |
| Frame Rate | Main Stream: 1080P (1 fps–25/30 fps) |
| | Sub Stream: D1 (1 fps–25/30 fps) |
| | Third Stream: 1080P (1 fps–6 fps) |
| Bit Rate Control | CBR/VBR |
| Bit Rate | H.264: 32 Kbps–8192 Kbps H.265: 19 Kbps–7424 Kbps |
| Day/Night | Auto (ICR)/Color/B/W |
| BLC Mode | BLC/HLC/WDR (120 dB) |
| White Balance | Auto/Natural/Street Lamp/Outdoor/Manual |
| Gain Control | Auto/Manual |
| Noise Reduction | 3D DNR |
| Motion Detection | Off/On (4 Zone, Rectangle) |
| Region of Interest | Off/On (4 Zone) |

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| | |
|--------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Electronic Image Stabilization (EIS) | Yes |
| Smart IR | Yes |
| Defog | Yes |
| Flip | 0°/90°/180°/270° |
| Mirror | Off/On |
| Privacy Masking | Off/On (4 Area, Rectangle) |
| Audio | |
| Compression | G.711a, G.711Mu, AAC, G.726, G.723 |
| Network | |
| Ethernet | 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; SNMP |
| Interoperability | ONVIF (Profile S/Profile G/Profile T), CGI, Milestone, Genetec, P2P |
| Streaming Method | Unicast/Multicast |
| Max. User Access | 20 Users |
| Edge Storage | NAS; FTP; SFTP Micro SD card 256 GB |
| Web Viewer | IE (versions newer than IE8), Chrome, Firefox, Safari (versions newer than Safari 12) |
| Management Software | KBiVMS, KBView Lite, KBView Plus |
| Smart Phone | iOS, Android |
| Interface | |
| Audio Interface | 1/1 channel In/Out |
| RS485 | N/A |
| Alarm | 2 channel In: 5mA 5V DC 1 channel Out: 300mA 12V DC |
| Electrical | |
| Power Supply | DC 12V (±30%), PoE (802.3af) (Class 0) |

| | |
|------------------------------|-------------------------------------------------------|
| Power Consumption | <10.3W |
| Environmental | |
| Operating Conditions | -30° C to +60° C (-22° F to +140° F)/Less than 95% RH |
| Storage Conditions | -30° C to +60° C (-22° F to +140° F) |
| Ingress Protection | IP67 |
| Vandal Resistance | IK10 |
| Construction | |
| Casing | Metal, plastic |
| Dimensions | 273.2 mm × 95.0 mm × 95.0 mm (10.76" × 3.74" × 3.74") |
| Net Weight | 1.11 kg (2.44 lb) |
| Gross Weight | 1.51 kg (3.33 lb) |
| Dimensions (mm[inch]) | |

