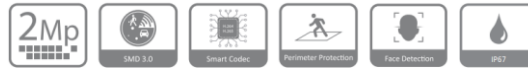


# KX-DA4241TZAS

## 2MP IR Vari-focal Bullet Network Camera



- 2-MP 1/2.8" CMOS image sensor, low luminance, and high definition image.
- Outputs max. 2 MP (1920 × 1080)@50/60 fps.
- H.265 codec, high compression rate, ultra-low bit rate.
- Built-in IR LED, and the max. illumination distance is 60 m.
- ROI, SMART H.264 +/H.265+, flexible coding, applicable to various bandwidth and storage environments.
- Rotation mode, True-WDR 120dB, 3D NR, HLC, BLC, digital watermarking, applicable to various monitoring scenes.
- Supports the AFSA (Anti-flicker Self-adaption) function, which automatically eliminates flicker
- Intelligent monitoring: Intrusion, tripwire (the two functions support the classification and accurate detection of vehicle and human); SMD Plus.
- Alarm: 1 in, 1 out ; audio: 1 in, 1 out ; supports max. 512 G Micro SD card; built in MIC.
- 12 VDC/PoE power supply. IP67, IK10 protection.
- SMD 3.0.



Camera					
Image Sensor	1/2.8" CMOS				
Max. Resolution	1920 (H) × 1080 (V)				
ROM	128 MB				
RAM	512 MB				
Scanning System	Progressive				
Electronic Shutter Speed	Auto/Manual 1/3 s-1/100,000 s				
Min. Illumination	0.002 lux@F1.5 (Color, 30 IRE) 0.0002 lux@F1.5 (B/W, 30 IRE) 0 lux (Illuminator on)				
S/N Ratio	>56 dB				
Illumination Distance	Up to 60 m (IR LED)				
Illuminator On/Off Control	Auto;Manual				
Illuminator Number	4 (IR LED)				
Pan/Tilt/Rotation Range	Pan: 0°-360° Tilt: 0°-90° Rotation: 0°-360°				
Lens					
Lens Type	Motorized vari-focal				
Auto Focus	Yes				
Focal Length	2.7 mm-13.5 mm, zoom 5x				
Max. Aperture	F1.4-F4.5				
Field of View	H: 117°-26°; V: 62°-15°; D: 137°-35°				
Iris Control	Fixed				
Close Focus Distance	0.8 m (2.62 ft)				
DORI Distance	Lens	Detect	Observe	Recognize	Identify
	W	44.1 m	17.7 m	8.8 m	4.4 m
	T	144.8 m	57.9 m	29.0 m	14.5 m
Intelligence					
IVS (Perimeter Protection)	Intrusion, tripwire (the two functions support the classification and accurate detection of vehicle and human)				
SMD 3.0	Less false alarm, longer detection distance				
Face Detection	Face detection; track; snapshot; snapshot optimization; optimal face snapshot upload; face enhancement; face exposure; face snapshot set as face or one-inch photo; 3 snapshot strategies (real-time snapshot, optimization snapshot, and quality priority); face angle filter; optimization time setting				
Video					
Video Compression	H.265; H.264; H.264H; H.264B; MJPEG (Only supported by the sub stream)				
Smart Codec	Smart H.265+; Smart H.264+				
AI Coding	AI H.265; AI H.264				

# KX-DA4241TZAS

## 2MP IR Vari-focal Bullet Network Camera

Video Frame Rate	Main stream: 1920 × 1080 @ (1-50/60) fps Sub stream 1: 704 × 576 @ (1-50 fps)/704 × 480 @ (1-60 fps) Sub stream 2: 1920 × 1080 @ (1-50/60 fps) Sub stream 3: 1280 × 720 @ (1-50/60 fps) The values above are the max. frame rates of each stream; for multiple streams, the values will be subjected to the total encoding capacity.
Stream Capability	4 streams
Resolution	1080p (1920 × 1080); 1.3M(1280 × 960); 720p (1280 × 720); D1 (704 × 576/704×480); CIF (352 × 288/352 × 240); VGA (640 × 480)
Bit Rate Control	CBR/VBR
Video Bit Rate	H.264: 3 kbps-8192 kbps; H.265: 3 kbps-8192 kbps
Day/Night	Auto(ICR)/Color/B/W
BLC	Yes
HLC	Yes
WDR	Yes
White Balance	Auto; natural; street lamp; outdoor; manual; regional custom
Gain Control	Manual;Auto
Noise Reduction	3D NR
Motion Detection	OFF/ON (4 areas, rectangular)
Region of Interest (RoI)	Yes (4 areas)
Smart Illumination	Yes
Image Stabilization	Electronic Image Stabilization (EIS)
Image Rotation	0°/90°/180°/270° (Support 90°/270° with 1080p resolution and lower)
Mirror	Yes
Privacy Masking	4 areas
<b>Audio</b>	
Built-in MIC	Yes
Audio Compression	G.711a; G.711Mu; G.726; G.723; PCM
<b>Alarm</b>	
Alarm Event	No SD card; SD card full; SD card error; network disconnection; IP conflict; illegal access; motion detection; video tampering; tripwire; intrusion; audio detection; voltage detection; defocus detection; external alarm (Only - ZAS supports); SMD; security exception
<b>Network</b>	
Network Port	RJ-45 (10/100 Base-T)
SDK and API	Yes
Network Protocol	IPv4; IPv6; HTTP; HTTPS; TCP; UDP; ARP; RTP; RTSP; RTCP; RTMP; SMTP; FTP; SFTP; DHCP; DNS; DDNS; NTP; Multicast; ICMP; SNMP; IGMP; P2P
Interoperability	ONVIF (Profile S/Profile G/Profile T); Milestone; CGI
User/Host	20 (Total bandwidth: 64 M)
Storage	FTP; SFTP; Micro SD card (support max. 512 GB)
Browser	IE; Chrome; Firefox
Mobile Client	iOS; Android
Certification	CE-LVD: EN62368-1; EN55032; EN55024; EN/IEC61000-3-2; EN 61000-3-3; EN 55035: CE-EMC: Electromagnetic Compatibility Directive; 2014/30/EU; FCC: 47 CFR FCC Part 15, Subpart B; UL/CUL: UL62368-1; CE-RoHS (2011/65/EU)
<b>Port</b>	
Audio Input	1 channel (RCA port)
Audio Output	1 channel (RCA port)
Alarm Input	1 channel in: 5mA 3V-5V DC
Alarm Output	1 channel out: 300mA 12V DC
<b>Power</b>	
Power Supply	12 VDC/PoE (802.3af)
Power Consumption	Basic: 2.3 W (12 VDC); 2.9 W (PoE) Max. (WDR + IR intensity + Intelligence): 6.6 W (12 VDC); 7.7 W (PoE)
<b>Environment</b>	
Operating Temperature	-30 °C to +60 °C

# KX-DA4241TZAS

2MP IR Vari-focal Bullet Network Camera

Operating Humidity	≤95%
Storage Temperature	-40 °C to +60 °C
Protection	IP67, IK10
<b>Structure</b>	
Casing Material	Metal
Product Dimensions	244.1 mm × 79.0 mm × 75.9 mm (9.61" × 3.11" × 2.99") (L × W × H)
Net Weight	820 g (1.81 lb)
Gross Weight	1090 g (2.40 lb)

