

# CHeKT 4MP NightView Active Deterrent Bullet Camera



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## CHeKT 4MP Bullet Camera

- 1/1.8" STARVIS™ CMOS
- Max. 4MP(2688×1520) @25/30fps resolution
- Support face, human, vehicle detection and capture
- True WDR, 3D DNR, ROI, HLC, BLC, Defog
- Built-in warm lights, illumination distance up to 50m
- 10w Speaker and Red/Blue Warning Lights
- 1/1 audio in/out, 1/1 alarm in/out
- Built-in micro SD card slot (up to 1TB)
- Support 12VDC/0.25A power output
- IP66
- Intelligent analytics: intrusion, single/double line crossing, loitering, wrong-way detection, smart motion detection, people counting

## Product Features

### AI Analytics Engine



CHeKT's advanced tracking algorithm with rich library of detection behaviors

### Central Station Integration



AI video alarm signal transmission when using the CHeKT Video Bridge


### Detection Behavior



**VIDEO ANALYTICS:**  
intrusion, single line crossing, double line crossing, loitering, wrong way, peoplecounting

# Specifications

Camera				
Image Sensor	1/1.8" Progressive Scan CMOS			
Max. Resolution	4MP (2688×1520)			
Electronic Shutter	Auto/Manual, 1/5 to 1/50,000s			
Min. illumination	Color: 0.0001 Lux @ (F1.0, AGC ON), 0 Lux with warm-light ON			
Day & Night	Fixed filter			
Wide Dynamic Range	True WDR			
Angle Adjustment	Pan: 0° to 360°, Tilt: 0° to 90°, Rotation: 0° to 360°			
Lens				
Lens Type	Fixed lens, fixed focal			
Iris	Fixed Iris			
Focal Length	2.8mm			
F Number	F1.0			
Field of View	H:112.4°, V: 61.2°			
DORI				
Lens	Detect	Observe	Recognize	Identify
2.8 mm	56m(183.7 ft)	22.4m(73.5 ft)	11.2m(36.7 ft)	5.6m(18.4 ft)
DORI (Detect, Observe, Recognize, and Identify) is a standard system (EN-62676-4) for defining the ability of a person viewing the video to distinguish persons or objects within a covered area. The numbers in this table do not reflect intelligent function distances.				
Illuminator				
Illuminator Type	Warm light			
Illumination Range	Up to 50 m (164ft)			
Illumination On/Off Control	Auto/Manual			
Intelligent Analytics				
Multi-Object Detection	Supports face, human, vehicle detection and capture			
Intelligent Analysis	Intrusion, Single line crossing, Double line crossing, Loitering, Wrong-way, and Smart motion detection Support alarm triggering by specified target types (human and vehicle)			
People Counting	Support			
Video & Audio				
Streaming Capability	3 Streams			
Stream/Frame Rate	Stream1: 2688×1520, 2560×1440, 2304×1296, 1920×1080, 1280×720 @25/30fps Stream2: D1, VGA, CIF @ 25/30fps Stream3: VGA, CIF, QVGA @ 25/30fps			
Bit Rate Control	CBR/VBR			
Bit Rate	Stream1: 200 Kbps to 12 Mbps Stream2: 100 Kbps to 6 Mbps Stream3: 100 kbps to 3 Mbps			
Region of Interest	Off/On (8 areas, Rectangle)			
Smart Encode	Support			
Audio Compression	G.711 A-law, G.711 μ-law, RAM PCM			
Bit Rate	64Kbps (G.711), 128Kps (RAW_PCM)			
Image				
Image Adjustment	Brightness, Sharpness, Contrast, Saturation adjustable			
Scene Setting	Indoor, Outdoor, Mirror, Corridor Mirror			
Exposure Mode	Auto, Manual, Shutter priority			
White Balance	Auto, Tungsten, Florescent, Daylight, Shadow, Manual			
Day/Night Setting	Auto, Day, Night, Time			
Noise Reduction	2D/3D DNR			
Image Enhancement	HLC, BLC, Defog			
Privacy Masking	4 areas			



(224)  
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Event	
Alarm Triggers	IVS, Motion detection, Alarm input, Network alarm, Disk alarm, Day/Night switch alarm, Abnormal sound detection
Event Actions	Alarm record, Alarm output, FTP upload, SMTP upload, Audible alarm output, Red and blue light alarm
Networks	
Protocols	IPv4/IPv6, HTTP/HTTPS, DNS, DDNS, DHCP, PPPoE, RTSP/ RTCP/RTP, TCP/UDP, NTP, ARP, UPnP, FTP, SMTP, QoS, ICMP, IGMP, SMTP, 802.1x, SNMP, Multicast
Interoperability	ONVIF (Profile S/T/G/M), SDK, CGI
User/Host Level	Up to 10 users, 3 levels: Administrator, Operator, Media user
Security	IP address filter, encrypted HTTPS, Illegal login lock, IEEE 802.1x
Web Viewer	<IE11, Chrome, Firefox , Microsoft Edge
Interface	
Network Interface	1 Ethernet (10/100 Base-T) RJ-45 Connector
Built-in Microphone	Support
Built-in Speaker	Support
Audio Interface	1ch input, 1ch output
Alarm Interface	1ch input, 1ch output
SD Card Slot	Built-in, up to 1 TB
Reset Button	Support
Power Output	12VDC/0.25A output
General	
Language	English, Chinese, Polish, Italian, Portuguese, Spanish, Russian, French, Czech, Hungarian. Default: English
Power Supply	12 VDC (-15% to +25%)/PoE (802.3af)
Power Consumption	Basics: 2.8W, Max. 28W (light on + speaker)
Operating Temperature	-40°C to 60°C (-40°F to 140°F )
Operating Humidity	Less than 90% RH
Ingress Protection	IP66
Certifications	CE-EMC (EN 55032:2015+A1:2020, EN IEC 61000-6-3:2021, EN IEC 61000-3-2:2019+A12021, EN 61000-3-3:2013+A2:2021, EN 55035:2017+A11:2020, EN 50130-4:2011+A1:2014) FCC (FCC 47 CFR 15, Subpart B, ANSI C63.4-2014)
Casing	Aluminum alloy / plastic
Dimensions	346.6 to 326.6 × 142.02 × 120.32 mm (13.64 to 12.86 × 5.59 × 4.74 inch)
Net Weight	2.8kg (6.1lb)

