

CHeKT 4MP NightView Active Deterrent Turret Camera



ONVIF® | S

CHeKT 4MP Turret Camera

- 1/1.8" STARVIS™ CMOS
- Max. 4MP(2688×1520) @25/30fps resolution
- Support face, human, vehicle detection & capture
- Intelligent analysis: intrusion, single/double line crossing, loitering, wrong-way detection, smart motion detection, and people counting
- True WDR, 3D DNR, ROI, HLC, BLC, Defog
- Warm lights, illumination distance up to 30m
- Red/blue warning light, support sound-light warning
- 1/1 alarm in/out, 1/1 audio in/out, built-in mic & speaker
- Built-in micro SD card slot (up to 1 TB)
- Support 12VDC/0.25A power output
- IP66 protection

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

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 355°, Tilt: 0° to 80°, Rotation: 0° to 360°
Lens	
Lens Type	Fixed focus
Iris	Fixed Iris
Focal Length	2.8mm
Max Aperture	F1.0
Field of View	H:112.4°, V: 61.2°
DORI Distance	
Lens 2.8 mm	<div> Detect 56m(183.7 ft) </div> <div> Observe 22.4m(73.5 ft) </div> <div> Recognize 11.2m(36.7 ft) </div> <div> Identify 5.6m(18.4 ft) </div>
<small>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.</small>	
Illuminator	
Illuminator Type	Warm light
Illumination Range	Up to 30 m (98.4 ft)
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), 128Kbps (RAW_PCM)
Image	
Image Adjustment	Brightness, Sharpness, Contrast, Saturation adjustable
Scene Setting	Indoor, Outdoor, Mirror, Corridor Mode
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	WDR, HLC, BLC, Defog
Privacy Masking	4 areas

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	Max 9.5W
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	Φ 140 × 119.2 mm (5.51 × 4.69 inch)
Net Weight	0.9 kg (1.98 lb)

