

# CHeKT 4MP IP Turret Camera w/12v Output and Alarm Zone Input



## CHeKT 4MP IP Turret Camera

- 1/1.8" progressive scan CMOS
- Max. 4MP(2560×1440) @25/30fps resolution
- Built-in SD card slot, IP66, PoE
- Built-in IR/warm lights, IR distance up to 30m, warm light distance up to 20m
- Support face, human and vehicle detection and capture
- WDR, 3D DNR, ROI, HLC, BLC, Defog
- SMART Bitrate Control and Region of Interest
- Built-in microphone and speaker
- 1/1 audio input/output, 1/1 alarm input/output, 12V DC output

## 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 OPTEx 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 (2560×1440)
Electronic Shutter	Auto/Manual, 1/5 ~ 1/20,000s
Min. illumination	Color: 0.001 Lux @ (F1.6, AGC ON), 0 Lux with illumination on
Day & Night	IR cut filter
Illumination Distance	IR distance up to 30 m (98.4 ft) Warm light distance up to 20 m (65.6 ft)
Illuminator On/Off Control	Auto/Manual
Pan/Tilt/Rotation Range	Pan: 0° ~ 355°, Tilt: 0° ~ 80°, Rotation: 0° ~ 360°
Lens	
Lens Type	Fixed focus
Iris	Fixed Iris
Focal Length	4 mm
F Number	F1.6
Angle of View	H: 84.4°, V: 47.5°
Video	
Streaming Capability	3 Streams
Stream/Frame Rate	Stream1: 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: 200kbps~1.2Mbps Stream2: 100kbps~6Mbps Stream3: 100kbps~3Mbps
Region of Interest	Off/On (8 Zone, Rectangle)
Smart Encode	Support
Image	
Image Adjustment	Brightness, Sharpness, Contrast, Saturation adjustable
Aisle Mode	Support
Mirror	Support
White Balance	Auto/Manual
Day/Night Setting	Auto, Day, Night, Time
Smart IR	Support
Noise Reduction	2D/3D DNR
Image Enhancement	HLC, BLC, Defog
Wide Dynamic Range	True WDR
S/N Ratio	55dB
Motion Detection	Support
Privacy Masking	Support

Smart Function	
Multi-Object Detection	Support face, human, vehicle detection and capture
Smart Events	Intrusion, Single line crossing, Double line crossing, Loitering, Wrong way , People counting Support alarm triggering by specified target types (human and vehicle)
Audio	
Compression	G.711, RAW_PCM
Bit Rate	8kbps, 16kps, 64kbps
Network	
Protocols	IPv4/IPv6, 802.1x, HTTP, HTTPS, TCP/IP, UDP/IP, RTSP, DHCP, NTP, RTP/RTCP, PPPoE, SMTP, DNS, UPnP, FTP, ARP, SNMP , TLS/SSL
Interoperability	ONVIF, SDK, CGI
Streaming Method	Unicast
Max. User Access	10 Users
Web Viewer	<IE11, Chrome, Firefox , Microsoft Edge
Language	English, Chinese, Polish, Italian, Portuguese, Spanish, Russian, French, Czech, Hungarian. Default: English
Interface	
Network Interface	1 Ethernet (10/100 Base-T) RJ-45 Connector
Audio Interface	1ch input, 1ch output
Built-in Microphone	Yes
Built-in Speaker	Yes
Alarm Interface	1ch input, 1ch output
Reset Button	Support
SD Card Slot	Built-in, up to 256GB
Electrical	
Power Supply	DC12V(-15%~+25%)/POE (IEEE 802.3af)
Power Consumption	Max 7.5 W
Operating Temperature	-40°C ~ 55°C (-40°F ~ 131°F )
Operating Humidity	Less than 90% RH
Ingress Protection	IP66
Certifications	CE/FCC
Casing	Metal + Plastic
Dimensions	φ 140 × 119.2 mm ( φ 5.5 × 4.69 inch)
Net Weight	0.9 kg (1.98 lb)



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