

CHeKT 5MP Flashlight Turret AI IP Camera



5MP Flashlight Full Color Turret AI IP Camera

- 30fps at 5MP
- H.265, H.264 and MJPEG Compression
- Embedded CHeKT AI Video Technology
- Deep Learning - Object Detection Classification
- 24/7 Full Color with Warm white LED
- Flashlight/Siren/Audio for event notification

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

Deep Learning Object



Deep learning based object identification (as Person, Cyclist, Car, Van, Truck, Motorcycle, Bicycle, Bag) removes false object detection

Detection Zones/Rules



40 rules & zones (Multi-segment Polygons and Lines) as standard

Detection Behavior



Enter, Exit, Appear, Direction, Dwell filter, Tailgating, Area Line Detection

Deep Learning People



Deep learning based on people identification and tracking

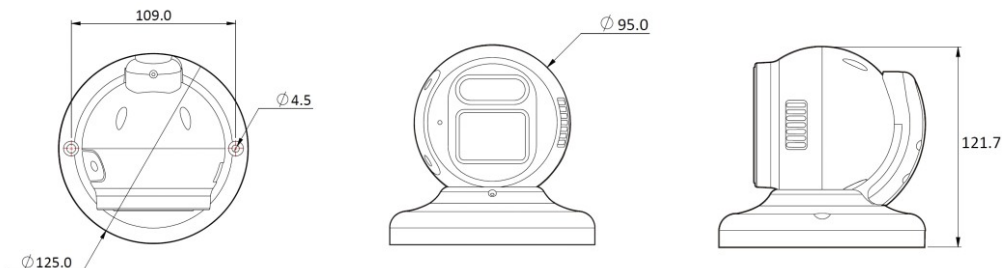
Specifications

CAMERA	
Model	CKIPA5MP-T-MCA
Image Sensor	SONY STARVIS EXMOR 1/2.8" 5M CMOS
Effective Pixels	2592(H) x 1944(V)
Scanning System	Progressive scanning
AGC Control	Auto
IRIS Type	P-IRIS
Minimum Illumination	0Lux with Warm white LED
Lens	2.7 ~ 12mm, F1.2
Angle of View	Horizontal: Approx. 89.9° (Wide) to 31.5° (Tele)
Shutter Time	Auto / Manual: 1/30 ~ 1/32,000, Anti-Flicker, Slow Shutter (1/2, 1/3, 1/5, 1/6, 1/7.5, 1/10)
Day & Night	Day(Color) mode only
Wide Dynamic Range	True WDR
S/N Ratio	50 dB
IR ILLUMINATOR	
IR LED	2
IR Working Distance	20 m
VIDEO	
Video Compression	H.265, H.264, MJPEG
Profile	H.264 : MP / HP H.265 : MP
Multiple Profile Streaming Performance	2592x1944/30 + 720p30 with H.264, H265 + MJPEG
Max Resolution	2592 x 1944
Video Bit Rate	100Kbps ~ 25Mbps Multi-rate for Preview and Recording
Bitrate Control	Multi Streaming CBR/VBR (Controllable frame rate and Bandwidth)
Digital Noise Reduction	3D-DNR
Privacy Mask	16 programmable zones
Special Features	SMART Bitrate Control, Region of Interest
Other Image Processing	Configurable Exposure, White Balance, Sharpness
Image Orientation	Flip / Mirror / Corridor Mode
Analogue Output	1 (Installation only) CVBS 1.0V p-p (75Ω), 4:3 aspect ratio

AUDIO	
Audio Streaming	Two-way
Audio Compression	G.711 u-law 8KHz, AAC-LC 48Kbps at 8KHz
Audio input	Built-in Mic, Supply voltage : 2.4VDC(3mA), Input impedance : 3K Ohm
Audio output	Built-in Speaker
EVENT	
Event Trigger	Motion Alarm, Temperature critical, DI, VCA(AI)
Pre-Post Recording	Pre: 1~5 sec Post: 1~240 sec
Event Notification	CHeKT/OPTEx Video Bridge, FTP, E-mail, Alarm-out, SD card, ONVIF Event Topic
NETWORK	
Ethernet Standard	10 /100Base-T
IP	IPv4
Protocol	TCP/IP, UDP, AutoIP, RTP(UDP/TCP), RTSP, NTP, HTTP, HTTPS, SSL, DNS, DDNS, DHCP, FTP, SMTP, ICMP, SNMPv1/v2/v3(MIB-2), ONVIF
Security	HTTPS(SSL), IP filtering, 802.1x, Digest Authentication
Plug In	ONVIF Profile S, CGI API
GENERAL	
Material	Aluminum Die-casting, White
External I/O Terminals	1 x Alarm In / 1 x Alarm Out
Language On Webpage	English
Power Source	DC12V, PoE(IEEE 802.3af)
Power Consumption	DC12V Max 10.5W, PoE Max 12.5W
Operating Conditions	Humidity 10 ~ 90% RH (non-condensing) [DC12V / PoE] -30°C ~ 50°C (-22°F ~ 122°F)
Approvals	FCC, CE, IP67, IK10
NDAA	Compliant
Weight	0.88 kg
Dimensions (D x H)	Ø125 x 122 mm
EDGE STORAGE	
Storage	1x microSD / microSDHC / microSDXC (card not included)

Specifications & designs are subject to change without prior notice.

Dimensions (Unit: mm)



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