

# CHeKT 5MP IR Compact Bullet AI IP Camera

4mm lens



## 5MP IR Bullet AI IP Camera 4mm lens

- 30fps at 5MP
- H.265, H.264 and MJPEG Compression
- Embedded CHeKT AI Video Technology
- Deep Learning - Object Detection Classification
- SMART Bitrate Control and Region of Interest
- Power over Ethernet (IEEE 802.3af)

### 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

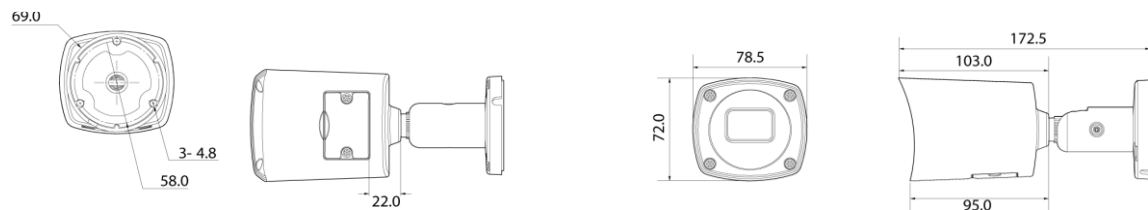
# Specifications

CAMERA	
Model	CKIPAI5MP-CB-FR
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	Auto Exposure
Minimum Illumination	Color: 0.16 Lux / B/W : 0 Lux (IR LED On)
Lens	4.0 mm( F2.0)
Angle of View	Horizontal: Approx. 82.3° Vertical: Approx. 58.8°
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	True Day & Night (Removable IR-cut filter)
Wide Dynamic Range	True WDR (120dB)
S/N Ratio	50 dB
IR ILLUMINATOR	
IR LED	High Power IR LED X 2
IR Working Distance	25
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	-

AUDIO	
Audio Streaming	-
Audio Compression	-
Audio output	-
EVENT	
Event Trigger	Motion Alarm, Temperature critical, 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	-
Language On Webpage	English
Power Source	DC12V, PoE(IEEE 802.3af)
Power Consumption	DC12V Max 6W, PoE Max 9.6W
Operating Conditions	Humidity 10 ~ 90% RH (non-condensing) [DC12V / PoE] -40°C ~ 50°C (-40°F ~ 122°F)
Approvals	FCC, CE, IP67
NDAA	Compliant
Weight	0.66 kg
Dimensions (D x H)	174mm x 72mm
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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