



# 5MP Light & Siren Active Deterrent Camera

CODE: CTX5C-IP-AD-TUR-S3FG



Fixed Lens



5MP Resolution



30m Dual-Light Range



People and Vehicle Detection



Active Deterrent



## Camera

Image Sensor	1/2.7" CMOS
Image Resolution	5MP (2592 x 1944)
ROM	128MB
RAM	512MB
Scanning System	Progressive
Electronic Shutter Speed	Auto / Manual; 1/3s to 1/100,000s
Minimum Illumination	0.003 lux @ F1.0 (Colour, 30 IRE); 0.0003 lux @ F1.0 (Black / White, 30 IRE); 0 lux (Illuminator On)
S/N Ratio	>56dB
Illumination Distance	30m (98.43 ft.) (IR & Warm Light)
Illuminator On / Off Control	Auto / Manual
Illuminator Number	1 (IR LED); 1 (Warm Light)
Pan / Tilt / Rotation Range	Pan: 0°–360°; Tilt: 0°–78°; Rotation: 0°–360°



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## Lens Information

Lens Type	Fixed Focal			
Lens Mount	M12			
Focal Length	2.8mm			
Maximum Aperture	F1.0			
Field of View	Horizontal: 97°; Vertical: 70°; Diagonal: 128°			
Iris Control	Fixed			
Close Focus Distance	1.5m (4.92 ft.)			
DORI Distance	<b>Detect</b>	<b>Observe</b>	<b>Recognise</b>	<b>Identify</b>
	66m (216.54 ft.)	26.4m (86.61 ft.)	13.2m (43.31 ft.)	6.6m (21.65 ft.)

## Intelligent Functions

IVS (Perimeter Protection)	Tripwire & Intrusion (Classification and Detection of People & Vehicles)
SVD 4.0 (People & Vehicle Detection +)	Supported
Intelligent Search	(With Smart NVR) Perform Refined Intelligent Search, Event Extraction and Merging for Event Videos


## Video

Video Compression	H.265 / H.264 / H.264H / H.264B / MJPEG (Only Supported by Sub-Stream)
Smart Codec	Smart H.265+ / Smart H.264+
AI Coding	AI H.265 / AI H.264
Video Frame Rate  <i>(These values are the maximum frame rates of each stream. For multiple streams, the values will be subjected to the total encoding capacity.)</i>	<b>Main Stream:</b> 2592 x 1944 @ (1-20 fps) / 2688 x 1520 @ (1-30 fps)
	<b>Sub Stream 1:</b> 704 x 576 @ (1-25 fps) / 704 x 480 @ (1-30 fps)
	<b>Sub Stream 2:</b> 1920 x 1080 @ (1-25/30 fps)



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 Video (continued.)

Stream Capability	3 Streams
Resolution	<b>5MP</b> (2592 x 1944); <b>4MP</b> (2688 x 1520); <b>3.6MP</b> (2560 x 1440); <b>3MP</b> (2304 x 1296); <b>1080P / 2MP</b> (1920 x 1080); <b>720P</b> (1280 x 720); <b>D1</b> (704 x 576 / 704 x 480); <b>CIF</b> (352 x 288 / 352 x 240);
Bit Rate Control	CBR / VBR
Video Bit Rate	H.264: 3 kbps to 20480 kbps; H.265: 3 kbps to 20480 kbps
Day / Night	Auto (ICR), Colour or Black / White
BLC	Supported
HLC	Supported
WDR	120 dB
Scene Self Adaptation (SSA)	Supported
White Balance	Auto, Natural, Street Lamp, Outdoor, Manual, Regional, Custom
Gain Control	Auto; Manual
Noise Reduction	3D NR
Motion Detection	On / Off (4 Rectangular Areas)
Region of Interest (Rol)	Supported (4 Areas)
Defog	Supported
Image Rotation	0° / 90° / 180° / 270° (Supports 90° / 270° with 4MP Resolution (2688 x 1520) and Lower)
Mirror	Supported
Privacy Masking	Supported (8 Areas)



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## Audio

Built-In Microphone	Yes
Audio Compression	G.711a; G.711Mu; PCM; G.726; G.723

## Alarm

Alarm Event	<p><b>Alarm in Case Of:</b></p> <ul style="list-style-type: none"> <li>- No SD Card</li> <li>- Full SD Card</li> <li>- SD Card Error</li> <li>- Network Disconnection</li> <li>- IP Conflict</li> <li>- Illegal Access</li> <li>- Motion Detection</li> <li>- Video Tampering</li> <li>- Intrusion</li> <li>- Tripwire</li> <li>- Scene Change</li> <li>- Audio Detection</li> <li>- Voltage Detection</li> <li>- Defocus Detection</li> <li>- People &amp; Vehicle Detection</li> <li>- Safety Exception</li> </ul>
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## Network

Network Port	RJ45 (10 / 100 Base-T)
SDK & API	Supported
Network Protocol	IPv4; IPv6; HTTP; TCP; UDP; ARP; RTP; RTSP; RTCP; RTMP; SMTP; FTP; SFTP; DHCP; DNS; DDNS; QoS; UPnP; NTP; Multicast; ICMP; IGMP; NFS; SAMBA; PPPoE; SNMP
Cyber Security	Video Encryption; Firmware Encryption; Configuration Encryption; Digest; WSSE; Account Lockout; Security Logs; IP / Mac Filtering; Generation and Importing of X.509 Certification; Syslog; HTTPS; 802.1x; Trusted Boot; Trusted Execution; Trusted Upgrade
Interoperability	ONVIF (Profile S/Profile G/Profile T); CGI; P2P; Milestone
User / Host	20 (Total Bandwidth: 72MB)
Storage	FTP; SFTP; Micro SD Card (Max. 256 G); NAS
Browser	IE8 / 9 / 11; Chrome; Firefox
Management Software	λ   Cortex VMS
Mobile Client	iOS & Android



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## Certification

Certifications	<ul style="list-style-type: none"> <li>- CE-LVD: EN62368-1</li> <li>- CE-EMC: Electromagnetic Compatibility Directive 2014/30/EU</li> <li>- FCC: 47 CFR FCC Part 15, Subpart B</li> </ul>
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## Ports

Audio Input	1 Channel (RCA Port)
Audio Output	1 Channel (RCA Port)
Alarm Input	1 Channel In (Wet Contact, 5 mA 3V-5 VDC)
Alarm Output	1 Channel Out (Wet Contact, 300 mA 12 VDC)



## Parameters & Dimensions

Power Supply	12VDC / PoE (802.3af)
Power Consumption	<b>Standard:</b> 3.7W (12 VDC); 4.8W (PoE) <b>H.265 + Main Stream + IR / Warm Light Intensity:</b> 8.3W (12 VDC); 8.8W (PoE)
Storage Temperature	-40°C to +60°C (-40°F to +140°F)
Working Temperature	-40°C to +60°C (-40°F to +140°F)
Working Humidity	Less than 95% (RH)
Protection	IP67
Casing	Metal
Product Dimensions	110.9mm x Φ122mm (4.8" x Φ4.37")
Net Weight	750g (1.65lb)
Gross Weight	920g (2.03lb)