

TURVIP4KE3-FG-A

4K FIXED E3 RANGE AI TURRET CAMERA



- 4K/8MP (3840 × 2160)
- H.265+/H.265/H.264+/H.264 support
- AI functions (VSA people & vehicle, target counting, face detection, heat map)
- 3D DNR, WDR, HLC, BLC, ROI coding
- 20~30m IR distance
- DC12V/PoE power supply
- IP67 ingress protection
- Supports three streams
- Built-in mic
- Supports mobile surveillance by smart phones with iOS or Android OS
- Intelligent analytics

Specification	TURVIP4KE3-FG-A
Camera	
Image Sensor	1 / 2.8" CMOS
Image Size	3840 x 2160
Electronic Shutter	1s ~ 1 / 100000s
Iris Type	Fixed Iris
Min. Illumination	0.01 lux @ F1.2, AGC ON; 0 lux with IR 0.02 lux@F1.6, AGC ON; 0 lux with IR
Lens	2.8mm@F1.6, Horizontal FoV: 109.7°; Vertical FoV: 77.2°; Diagonal FoV: 116.9
Lens Mount	M12
Day & Night	ICR
Wide Dynamic Range	120dB
BLC	Yes
HLC	Yes
Defog	Yes
Digital NR	3D DNR
Angle Adjustment	Pan: 0°~360°; Tilt:0°~75°; Rotation: 0°~360°
Image	
Video Compression	Main stream: H.265+ / H.265 / H.264+ / H.264 Sub stream: H.265+ / H.265 / H.264+ / H.264 / MJPEG Third stream: H.265+ / H.265 / H.264+ / H.264 / MJPEG
H.264 Compression Standard	Baseline Profile / Main Profile / High Profile
Resolution	8MP (3840 x 2160), 6MP(3072 x 2048),5MP(2592 x 1944), 4MP(2592 x 1520), 2K (2560 x 1440), 3MP (2304 x 1296), 1080P (1920 x 1080), 720P (1280 x 720), D1, CIF, 480 x 240
Main Stream	60Hz : 8MP/6MP/5MP/4MP/2K/3MP/1080P/720P(1~30fps) 50Hz : 8MP/6MP/5MP/4MP/2K/3MP/1080P/720P(1~25fps) HFR Mode: 1080P/720P(60Hz: 1~60fps; 50Hz: 1~50fps)
Sub Stream	720P/D1/CIF/480 x 240 (60Hz: 1~30fps; 50Hz: 1~25fps)
Third Stream	D1/CIF/480 x 240 (60Hz : 1 ~ 30fps; 50Hz: 1~25fps)
Bit Rate	64 Kbps ~ 12 Mbps
Bit Rate Type	VBR / CBR
Audio Compression	G711A / U
Image Settings	ROI, Saturation, Brightness, Hue, Contrast, Wide Dynamic, Sharpness, NR, etc. adjustable through client software or web browser
ROI	Each ROI to be configured separately
Intelligent Analytics (Smart Events)	
Perimeter Protection	Line crossing, region entrance/exiting/intrusion (human/motor vehicle/non-motor vehicle classification)
Statistics	Target counting by line/area, heat map
Exception Detection	Scene change, video blur and video cast detection
Face Detection	Face detection and face capture
Other Events	Abandoned/missing object detection
Interface	
Network	RJ45
Audio	1CH audio input; 1CH built-in mic
Storage	Built-in micro SD card slot, up to 256GB
Reset	Yes

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Function	
Remote Monitoring	Web browsing, CMS remote control
Web Browser	IE (plug-in required)/Google Chrome/Edge/Firefox/Safari
Online Connection	Supports simultaneous monitoring for up to 10 users; Supports multi-stream real time transmission
Network Protocol	UDP, IPv4, IPv6, DHCP, NTP, RTSP, RTP, RTMP, RTCP, PPPoE, DDNS, SMTP, FTP, SNMP, HTTP, HTTP POST, 802.1x, UPnP, HTTPs, QoS
Interface Protocol	ONVIF
Storage	Network remote storage; micro SD card storage
Smart Alarm	Motion detection, SD card error, SD card full
General Function	Watermark, IP address filtering, video mask, heartbeat, illegal login lock, image distortion correction, corridor pattern
Protection Grade	IP67
PoE	Yes (IEEE802.3af)
IR Distance	20 ~ 30 m
Others	
Power Supply	DC12V/PoE
Power Consumption	<9W
Operating Environment	-30°C ~ 60°C (-22°F~140°F) Humidity: less than 95 % (non-condensing)
Dimensions (mm)	ø94.6 x 82.8
Weight (net)	Approx: 0.46kg
Installation	Ceiling mounting; Wall mounting
Certificate	CE, FCC
Environmental Protection	Complies with Directive EU RoHS, WEEE(2012/19/EU), directive 94/62/EC and REACH (EC1907/2006)

