

TURVIP4MPS2-AD2-FW

4MP DUAL ILLUMINATION AI FIXED TURRET



Grey model also available
(substitute FW for FG in code)

- 4MP (2592 × 1520)
- H.265+/H265/H.264+/H264/ MJPEG coding
- 3D DNR, WDR, HLC, BLC, defog
- Up to 40m IR night view distance
- DC12V/PoE power supply
- Blue and red light warning
- IP66 ingress protection
- Supports three streams
- Supports mobile surveillance by smart phones with iOS or Android OS
- Intelligent analytics

Specification	TURVIP4MPS2-AD2-FW
Camera	
Image Sensor	1 / 3 " CMOS
Image Size	2592 × 1520
Electronic Shutter	1/3 s ~ 1 / 100000 s
Iris Type	Fixed Iris
Min. Illumination	0.03lux @ F1.6,AGC ON; 0 lux with LED
Lens	2.8mm @ F1.6, H.FoV:96°;V.FoV:54.5°;D.FoV:113°
Lens Mount	M12
Wide Dynamic Range	120dB
BLC	Yes
HLC	Yes
Defog	Yes
Digital NR	2D/3D DNR
S/N Ratio	≥50dB
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/Third stream: H.265+ / H.265 / H.264+ / H.264 / MJPEG
H.264 Compression Standard	Baseline Profile / Main Profile / High Profile
Resolution	4MP (2592×1520), 2K (2560×1440), 3MP (2304×1296), 1080P (1920×1080), 720P (1280×720), D1, VGA (640×480), CIF, 480 × 240
Main Stream	4MP/2K/3MP/1080P/720P(60Hz : 1 ~ 30fps; 50Hz: 1~25fps)
Sub Stream	720P/D1/VGA/CIF(60Hz : 1 ~ 30fps; 50Hz: 1~25fps)
Third Stream	D1/VGA/CIF/480×240 (60Hz : 1 ~ 30fps; 50Hz: 1~25fps)
Bit Rate	64 Kbps ~ 8 Mbps
Bit Rate Type	VBR / CBR
Audio Compression	G711A / U
Image Settings	ROI, Saturation, Brightness, Hue, Contrast, Wide Dynamic, Sharpness, Image Flip, Image Mirror, NR
ROI	Each ROI to be configured separately
Interfaces	
Network	RJ45 10M/100M self-adaptive ethernet port
Video Output	No
Audio	1CH audio input/output; 1CH built-in speaker; 1CH built-in mic
Storage	Built-in micro SD card slot; up to 256GB
Hardware Reset	Yes
Functions	
Remote Monitoring	Web client, NVR, NVMS 2.0 or app
Web Browser	IE11 (plug-in required) / Chrome 89.0+ / Edge 89.0+ / Firefox 87.0+ / Safari 14.0+
Online Connection	Support simultaneous monitoring for up to 10 users; Support multi-stream real time transmission
Network Protocol	UDP, IPv4, IPv6, DHCP, NTP, RTSP, RTP, RTMP, RTCP, PPPoE, DDNS, SMTP, FTP, SNMP,HTTP, 802.1x, UPnP, HTTPs, HTTP POST, QoS
Interface Protocol	ONVIF

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Functions				
Storage	Network remote storage; micro SD card storage			
Smart Alarm	Motion detection, SD card error, SD card full, light alarm, audio alarm			
General Function	Watermark, IP address filtering, video mask, heartbeat, password protection, image distortion correction			
Security	Video encryption, firmware encryption, HTTPs encryption, configuration encryption, illegalloginlock, IP address filtering, 802.1x authentication, basic and digest authentication for HTTP/HTTPs			
PoE	Yes (IEEE802.3af)			
LED Distance	IR range: Up to 40 m White light range: Up to 40 m			
Ingress Protection	IP66			
Intelligent Analytics				
Video Abnormality	Scene change detection, video blur detection, abnormal colour detection			
Perimeter Detection	Line crossing detection (human/vehicle classification); Region intrusion/entrance/exiting detection (human/vehicle classification)			
Statistics	Target counting by line/area, heat map			
Face Detection	Face detection and face capture			
Other Events	Abandoned/missing object detection			
Video Metadata	Simultaneously captures humans, motor vehicles and non-motor vehicles and extracts 13 human features, 5 motor vehicle features and 1 non-motor vehicle feature			
DORI				
Lens	Detect	Observe	Recognise	Identify
2.8mm	59.66m (195.73ft.)	23.86m (78.28ft.)	11.93m (39.14ft.)	5.96m (19.55ft.)
Others				
Power Supply	DC12V/PoE			
Power Consumption	< 12W			
Storage Environment	-30°C ~ +65°C (-22°F ~ +149°F) Humidity: less than 95 % non condensing			
Operating Environment	-30°C ~ +60°C (-22°F ~ +140°F) Humidity: less than 95 % non condensing			
Dimensions (mm)	Φ 111.5 × 99.6			
Weight (net)	Approx. 0.64KG			
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)			



PoE

