



Key Feature

- H.265+/H.265/H.264+/H.264/MJPEG coding
- Max. resolution: 2592 × 1520
- ICR auto switch, true day / night vision 30 ~ 50m IR night view distance
- 3D DNR, true WDR, HLC, BLC, Defog, Smart IR and ROI coding
- Support image distortion correction / 1CH audio input
- Built-in micro SD card slot, up to 256GB
- DC12V/PoE power supply
- IP 67 ingress protection Support three streams
- Support remote monitoring by smart phones & tablet PCs with iOS and Android OS
- Intelligent analytics



H.265 Support



Motion Detection



PoE Support



IP67 Waterproof

Specification

Image Sensor	1 / 3 "CMOS	Statistics	Target counting by line/area, heat map
Image Size	2592 × 1520	Exception Detection	Scene change, video blur and abnormal color detection, audio exception
Electronic Shutter	Auto/manual; manual mode: 1 / 2s ~ 1 / 100000 s	Face Detection	Face detection and face capture
Iris Type	DC Iris	Video Metadata	Simultaneously captures human body, motor vehicle and non-motor vehicle and extracts 13 human features, 5 motor vehicle features and 1 non-motor vehicle feature
Min. Illumination	0.005 lux@F1.6,AGC ON; 0 lux with IR	Functions	
Lens	2.8~12mm@F1.3, H.FoV: 100.0°~28.9°; V.Fov: 54.5°~16.7°; D.FoV: 118°~35°	Remote Monitoring	Web Browser/TVT NVMS2.0/NVR/mobile APP
Focus	Motorized	Web Browser	IE11(plug-in required)/Chrome 89.0+/Edge 89.0+ Firefox 87.0+/Safari 14.0+
Lens Mount	Φ14	Online Connection	Support simultaneous monitoring for up to 10 users; Support multi-stream real time transmission
Day & Night	ICR	Network Protocol	UDP, IPv4, IPv6, DHCP, NTP, RTSP, RTP, RTMP, RTCP, PPPoE, DDNS, SMTP, FTP, SNMP, HTTP, HTTP POST, 802.1x, UPnP, HTTPS, QoS
Wide Dynamic Range	120dB	Interface Protocol	ONVIF(profile S, G, T, M)
BLC / HLC / Defog	Yes	Storage	Network remote storage; micro SD card storage
S/N Ratio	≥50dB	Smart Alarm	Motion detection, SD card error, SD card full, IP address conflict, cable disconnection
Digital NR	3D DNR	General Function	Watermark, video mask, heartbeat, image distortion correction, corridor pattern
Angle Adjustment	Pan: 0°~360°; Tilt:0°~90°; Rotation: 0°~360°	Security	Video encryption, firmware encryption, HTTPS encryption, configuration encryption, illegal login lock,IP address filtering, 802.1x authentication, basic and digest authentication for HTTP/RTSP
Image		PoE	Yes , IEEE802.3af
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	IR Distance	30 ~50 m
H.264 Compression Standard	Baseline Profile/Main Profile/High Profile	Ingress Protection	IP67
Resolution	4MP (2592×1520), 2K(2560×1440), 3MP(2304×1296), 1080P(1920×1080),720P (1280×720), D1, CIF, 480×240, VGA(640×480)	Others	
Main Stream	4MP/2K/3MP/1080P / 720P(60Hz:1~30fps; 50Hz: 1~25fps) HFR mode: 1080P / 720P(60Hz:1~60fps; 50Hz: 1~50fps)	Power Supply	DC12V/PoE
Sub Stream	720P/D1/CIF/VGA (60Hz: 1~30fps; 50Hz: 1~25fps)	Power Consumption	< 9.5W
Third Stream	D1/CIF/480×240 (60Hz: 1~30fps; 50Hz:1~25fps)	Storage Conditions	- 30 °C ~ 65°C (-22°F~149°F), Humidity: less than 95 % (non-condensing)
Bit Rate	64 Kbps ~ 8 Mbps	Operating Conditions	- 30 °C ~ 60 °C (-22°F~140°F), Humidity: less than 95 % (non-condensing)
Bit Rate Type	VBR / CBR	Dimensions (mm)	217.8 × 80.5 × 80.3
Audio Compression	G711A / U	Weight (net)	Approx. 0.69KG
Image Settings	ROI, Saturation, Brightness, Hue, Contrast, Wide Dynamic, Sharpness, Image Mirror, Image Flip, NR, etc. adjustable through client software or web browser	Installation	Ceiling mounting; Wall mounting
ROI Each	ROI to be configured separately	Certificate	CE, FCC
Interfaces		Environmental Protection	Directive EU RoHS, WEEE(2012/19/EU) , directive 94/62/EC and REACH(EC1907/2006)
Network	RJ 45 10M/100M self-adaptive Ethernet port		
Audio	1CH audio input		
Storage	Built-in micro SD card slot; up to 256GB		
Reset	Yes		
Intelligent Analytics	Line crossing, region intrusion/entrance/exiting, loitering detection, illegal parking detection, abandoned/ missing object detection		
Smart Event			