



Features

- Max. 5MP (2592 x 1944) resolution
- Max. 30fps
- Color: 0.01 Lux (F1.6, 1/30sec), BW: 0.01 Lux (F1.6, 1/30sec, 30IRE)
- Fix Lens: 2.8mm @ F1.6
- H.265, H.264, MJPEG codec supported
- Support three streams
- Day & Night (Light sensor), WDR (100dB)
- Micro SD/SDHC/SDXC 1 slot up to 512GB
- IP65

Camera

Imaging Device	1 / 2.7" CMOS		
Image Size	Max. 5MP (2592 x 1944)		
Max. Framerate	H.265/H.264: Max. 30fps/25fps (60Hz/50Hz) MJPEG: Max. 30fps		
Min. Illumination	Color: 0.01Lux(F1.6, 1/30sec), BW: 0.01Lux(F1.6, 1/30sec, 30IRE) IR On: 0Lux		
Electronic Shutter	Auto / manual (1/25 ~ 1/100,000s)		
Lens	2.8 mm @ F1.6 Fix Lens		
FOV	Diagonal	Horizontal	Vertical
	127.5°	98.5°	70.5°
IR Viewable Length	30M		
Day & Night	ICR auto switch		
Wide Dynamic Range	100dB		
BLC	Support		
HLC	Support		
Digital Noise Reduction	Support		

Image

Video Compression	H.265 / H.264 / MJPEG		
H.265 Profile	HEVC		
Resolution	2592x1944, 2560x1440, 1920x1080, 1280x960, 1280x720, 800x600, 800x448, 720x576, 720x480, 640x480, 640x360, 320x240		
Bit Rate	64Kbps ~ 8 Mbps		

Storage

Edge Storage	Built-in micro SD card; up to 512GB
Network Remote Storage	Optional

Interface

Ethernet	RJ-45 (10/100BASE-T)
Audio In	1CH audio input
Audio Out	1CH audio input

Audio

Audio Format	G.711
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Function

Remote Monitoring	Chrome, Edge, Firefox
Online Connection	Live View for up to 5 clients
Network Protocol	DHCP, DNS, FTP, HTTP, ICMP, IPv4, IPv6, NTP, RTP, RTCP, RTSP, SMTP, TCP/IP, UDP, UPnP, ARP, Multicast, HTTPS, QoS
Interface Protocol	ONVIF
Smart Alarm	Motion detection, Audio Alarm (SD card error, SD card full, IP address conflict, cable disconnection)
General Function	System Information, Storage Setting, Video/ Audio Setting, Intelligent Setting, Alarm Setting, Network Setting, Security Setting, Maintenance
PoE	YES

AI function

Line crossing, Intrusion, Object Left, Object Moveing, Scene change, Tamper, Object classification (face/person/bicycle/motorcycle/car/cat/dog)

Others

Power Supply	DC12V / PoE 48V
Power Consumption	< 10W
Operating Environment	-- 10 °C ~ 50 °C (14°F ~ 122°F) Humidity: less than 85 % (non-condensing)
Dimensions (mm)	148.8 x 64 x 87.6 mm
Weight	Approx. 320g
Ingress Protection	IP65

