

### Product Features

- > Day/night functionality
- > Smart IR , up to 50 m (164 ft) IR distance
- > Up to 120 dB Optical WDR(Wide Dynamic Range)
- > 2D/3D DNR (Digital Noise Reduction)
- > Smart H.265, H.265+,H.265, H.264, MJPEG
- > Embedded smart algorithm
- > Triple streams
- > ROI(Region of interest)
- > Customized OSD
- > ONVIF Conformance
- > Wide temperature range: -30°C to 60°C (-22°F to 140°F)
- > Wide voltage range of  $\pm 25\%$
- > IP67, IK10



### Specifications :

#### CAMERA

Sensor	1/2.8", progressive scan,4.0 megapixel, CMOS
Lens	2.7~13.5mm, AF automatic focusing and motorized zoom lens
Angle of view(H)	94.0°~27.0°
Shutter Speed	Auto/Manual, 1/30~1/100000 s
Day/Night	IR-cut filter with auto switch (ICR)
Min.Illumination	Colour: 0.01 Lux (F1.4, AGC ON) 0 Lux with IR
IR	50 m (164 ft)
S/N	> 52dB
WDR	120dB
AWB( Auto white balance)	Auto/Natural/Street Lamp/Outdoor/Manual
Digital zoom	16x
Noise Reduction	2D/3D DNR
Defog	Digital Defog

#### VIDEO

Video Compression	Smart H.265, H.265+,H.265, H.264, MJPEG
H.264 code profile	Baseline profile, Main Profile, High Profile



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Frame Rate	Main Stream:4MP (2592×1520): Max. 25 fps, Sub Stream: (1280 x720) Max. 25 fps; Third Stream:D1 (720×576): Max. 25 fps
Video Bit Rate	128Kbps-16mbps
9:16 Corridor Mode	Supported
HLC	Supported
BLC	Supported
OSD	Up to 4 OSDs
Motion Detection	Up to 4 areas
ROI	Up to 4 areas
Privacy Mask	Up to 4 areas
<b>SMART</b>	
Image Settings:	Rotate Mode, Saturation, Brightness, Contrast, Sharpness adjustable by client software or web browser
Intelligent Analysis	Cross Line Detection (Human/ Vehicle classification), Intrusion Detection (Human/Vehicle Classification), Face Capture, Motion Detection Video Blur, Video Tampering, Scene Change detection, Target Counting Object Abandoned/Missing, Audio Detection(Optional)
Advanced Analysis	
General Function	Watermark, IP Address Filtering, User Authentication, heartbeat, Password Protection, RTSP
<b>AUDIO</b>	
Audio Compression	G.711
Two-way audio	Supported
Suppression	Supported
Sampling Rate	8 KHZ
<b>Storage</b>	
Edge Storage	Micro SD, up to 256 GB
Network Storage	ANR, NAS(Network Attached Storage) Local PC for instant recording



## NETWORK

Protocols IPv4, IPv6, TCP, UDP, DHCP, PPPoE, RTSP, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, SNMP

Compatible Integration ONVIF(Profile S, Profile G), API

## INTERFACE

Audio I/O Audio cable  
Input: impedance 35 k $\Omega$ ; amplitude 2 V [p-p]  
Output: impedance 600  $\Omega$ ; amplitude 2 V [p-p]

Alarm I/O 1/ 1(Optional)

Network 1 RJ45 10M/100M/1000M Base-TX Ethernet

## GENERAL

Power 12 V DC $\pm$ 25%, PoE (IEEE802.3 af)  
Power consumption: Max 10 W

Dimensions (L x W x H) 253.4 x86 x71.7 mm (9.98" x 3.4" x 2.8")

Working Environment -30°C to 60°C (-22°F to 140°F), Humidity  $\leq$  95% RH (non-condensing)

Ingress Protection IP67

Vandal Resistance IK10



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