

Product Features

- > Day/night functionality
- > Smart IR , up to 30 m (98 ft) IR distance
- > Up to 120 dB WDR (Wide Dynamic Range)
- > 2D/3D DNR (Digital Noise Reduction)
- > Smart 265,H.265, H.264, MJPEG
- > Embedded smart algorithm
- > ROI (Region of Interest)
- > Customized OSD
- > ONVIF Conformance
- > Wide temperature range: -35°C to 60°C (-31°F to 140°F)
- > Wide input voltage range of $\pm 25\%$
- > IK10 vandal resistant
- > IP67



Specifications:

CAMERA

Sensor	1/3", progressive scan, 4.0 megapixel, CMOS
Lens	2.8mm@F2.0
Angle of view(H)	104.4°
Shutter Speed	Auto/Manual, 1~1/100000 s
Day/Night	IR-cut filter with auto switch (ICR)
Min illumination	Color: 0.03 Lux (F2.0, AGC ON) 0 Lux with IR
IR	30m(98ft) IR Range
S/N	> 55dB
WDR	120dB
Defog	Digital Defog
Noise Reduction	2D/3D
AWB (Auto white balance)	Auto/Natural/Street Lamp/Outdoor/Manual



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VIDEO

Video Compression	Smart 265, H.265, H.264, MJPEG
H.264 code profile	Baseline profile, Main Profile, High Profile
Frame Rate	Main Stream:4MP (2592×1520): Max. 20 fps, 4MP (2560×1440): Max. 25 fps, 3MP (2048×1520): Max. 30 fps; Sub Stream:2MP (1920×1080): Max. 30 fps; Third Stream: D1(720×576): Max. 30fps
9:16 Corridor Mode	Supported
BLC	Supported
HLC	Supported
OSD	Up to 8 OSDs
Privacy Mask	Up to 8 areas
ROI	Up to 8 areas
Motion Detection	Up to 4 areas

SMART

Behavior Detection	Intrusion, Crossing line, Motion detection
Intrusion	Enter and loiter in a pre-defined virtual region
Cross line	Cross a pre-defined virtual line
Motion detection	Moving within a pre-defined virtual region
Recognition	Face Detection, Audio detection
Intelligent Identification	Defocus, Scene Change, Object Left, Object Moving
Statistical Analysis	People counting
General Function	Watermark, IP Address Filtering, Tampering Alarm, Access Policy, ARP Protection, RTSP Authentication, User Authentication

AUDIO

Audio Compression	G.711
Two-Way Audio	Supported
Suppression	Supported
Sampling Rate	8 KHZ



STORAGE

Edge Storage	Micro SD, up to 256 GB
Network Storage	ANR, NAS(Network Attached Storage) Local PC for instant recording

NETWORK

Protocols	IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, 802.1x, QoS
Compatible Integration	ONVIF (Profile S, Profile G, Profile T), API

INTERFACE

Audio I/O	Input: impedance 35 k Ω ; amplitude 2 V[p-p] Output: impedance 600 Ω ; amplitude 2 V [p-p]
Alarm	1/1
Network	1 RJ 45 10M/100M Base-TX Ethernet

GENERAL

Power	12 V DC \pm 25%, PoE (IEEE802.3 af) Power consumption: Max 5W
Dimensions (\varnothing x H)	\varnothing 108.5 x 81 mm (\varnothing 4.28" x 3.2")
Weight	0.45 kg (0.99 lb)
Working Environment	-35°C ~ +60°C (-31°F ~ 140°F), Humidity \leq 90% RH(non-condensing)
Ingress Protection	IP67
Vandal resistance	IK10



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