

Key Features

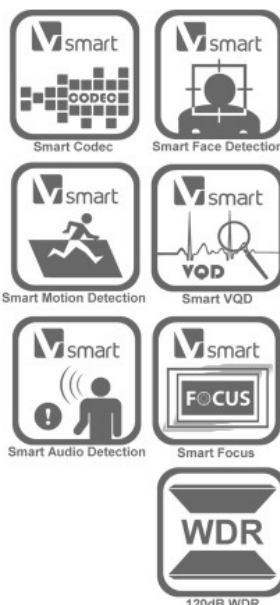
- Up to 2048 x 1536 high resolution
- Full HD1080p video
- Smart Codec: ROI, SVC
- 120dB WDR, 3D DNR
- Triple streams
- Micro SD/SDXC card slot, up to 64GB
- Smart Focus: Motorized VF lens (-Z)
- Smart Video Diagnosis
- Smart Facial Detection
- Smart Motion Detection (4area)
- Smart Heater (-H)
- Defog
- EIS (Electronic Image Stabilization)



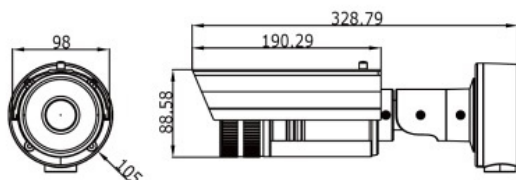
Specification

Camera		BLC	Yes, zone configurable
Image sensor	1/3" progressive scan CMOS	HLC	Yes
Min. illumination	0.1 lux@F1.2, AGC on 0.14 lux@F1.4, AGC on 0 lux with IR	Defog	Yes
Shutter time	1/3s ~ 1/100,000s	EIS	Yes
Slow shutter	Yes	Picture overlay	128 x 128, BMP 24bit, zone configurable
Lens	2.8 ~ 12mm @F1.4 angle of view: 91.2° ~ 28.3° -Z: motorized VF lens * 8~20mm @F1.6 lens (optional) angle of view: 33.2° ~ 13.8°	ROI	Yes, up to 4 configurable areas.
Lens mount	Φ14	Network	
Auto iris	DC drive	Network storage	NAS
Day & night	ICR (Auto/Schedule/Alarm Trigger)	Alarm trigger	Motion detection, face detection, tampering alarm, defocus, network disconnect, IP address conflict, storage exception
Digital noise reduction	3D DNR	Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, Bonjour (SIP, SRTP optional)
Wide dynamic range	120dB WDR	Security	User authentication, watermark, IP address filtering, anonymous access, reset
Compression standard		System compatibility	ONVIF, PSIA, CGI
Video compression	H.264 / MPEG4 / MJPEG	Interface	
H.264 codec profile	Baseline profile / main profile / high profile	Communication interface	1 RJ45 10M / 100M ethernet port
Video bit rate	32 Kbps ~ 16 Mbps	On-board storage	Micro SD/SDXC card slot, up to 64GB
Audio compression	G.711 / G.726 *only for -S model	General	
Audio bit rate	64Kbps (G.711) / 16Kbps (G.726) *only for -S model	Operating conditions	-30°C ~ 60°C (-22°F ~ 140°F) humidity 95% or less (non-condensing) -H: -40°C ~ 60°C (-40°F ~ 140°F) with smart heater on
Image		Power supply	12 VDC ± 10%, PoE (802.3af)
Max. resolution	2048 x 1536	Power consumption	Max. 11W -Z/-H: Max. 12W
Frame rate	50 Hz: 20fps (2048 x 1536) 25fps (1920 x 1080) 25fps (1280 x 720) 60 Hz: 20fps (2048 x 1536) 30fps (1920 x 1080) 30fps (1280 x 720)	IR range	Up to 30m Up to 80m IR with 8~20m VF lens
3rd stream	Independent setting, up to: 50Hz: 20fps (2048 x 1536) 60Hz: 20fps (2048 x 1536)	Ingress protection	IP66
Image settings	Rotate mode, saturation, brightness, contrast, grayscale adjustable through client software or web browser	Dimensions	98 x 105 x 328.8 mm
		Weight	1700 g (3.75 lbs)

smart IPC



Dimensions



ONVIF FCCE

