



General Parameters	Sensor Type and Size	1 / 2.8" SONY CMOS (Exmor Technology STARVIS Series)
	Minimum Illumination(Color/Monochrome)	0.08 Lux @ F2.0 @ 1/25s, No Sens-up allowed
	Minimum Illumination(B/W)	0 Lux with IR LED on
	Lens Type	Fixed Iris
	Focal length	3.6mm
	HFOV (degrees)	82°
	Shutter Speed	1/12500s to 1/25s
	SNR	48db @ 5lux
	Lens mount	M12 x 0.5
	Minimum Object Distance	0.3 m
	Aperture	F 1.2
Infrared	IR LED type	30 - Through-hole LEDs
	IR range	20m
Image & Video	Video Compression	H.265/H.264/MJPEG
	Resolutions	1080 P(2MP)/720p/D1/2CIF/CIF/QCIF
	Stream Profiles	Four streams are supported 2MP up to 30 fps(H.265/H.264), D1 up to 5fps(MJPEG), D1 up to 30 fps(H.265/H.264), 720p up to 30 fps(H.265/H.264/MJPEG)
	Max. number of simultaneous streams	4
	Bitrate	512Kbps - 4Mbps
	Frame Rate	1 - 30fps
	Network Protocols	TCP/IP, HTTP, DHCP, DNS, DDNS, RTP, RTSP, PPPoE, SMTP, NTP, SNMP, HTTPS, FTP, ONVIF S
	Image Enhancements	Saturation/ contrast/Brightness/Hue/Sharpness/Rotate
WDR	True WDR (120db)	

	Image Features	ROI, Edge Recording, Network Recording, Day/Night Settings (Auto / Manual), 3DNR, True WDR, DWDR, E-PTZ, BLC, Digital Zoom, Image Snapshots, White Balance (Auto/Fluorescent/Incandescent/Sunny), Adaptive Streaming, Smart Streaming (Max. 3 Windows), Unicast/Multicast, 2DNR (Auto/Manual)
Events & Actions	Events	Motion detection, View Tamper, Line intrusion / Directional motion / Trip Wire, Zone Intrusion, IP-Conflict, Network-Disconnect, Storage Alert,
	Actions	Email / TCP / SMS Notifications, Alarm Recording, Image/Clip Upload
Hardware Interface	Communication Interface	1 RJ45 10/100Mbps Ethernet Interface
	SD Card	Up to 128 GB
	Processor & RAM	HI-3516A & 4 GB
Electrical	Power Supply	12V/2A, Poe (802.3af)
	Power Consumption	Less than 7 W
Environmental & Mechanical	Operating Temperature/ Storage Temperature	0 to 50 Degree / (-)20 to 60 Degree
	Operating Humidity	Less than 90% RH
	Certifications	CE, IP66, FCC Part-15 Class-B
	Dimension	Diameter: 158mm Height: 134mm
	Weight & Color	1400gm
	Material Type	Aluminum (White)