



General Parameters	Sensor Type and Size	1 / 2.8" SONY - CMOS (EXMOR-R Technology - STARVIS Series)
	Minimum Illumination(B/W)	0 Lux with IR LED on
	Lens Type	Motorized Varifocal with P-Iris
	Focal Length	2.8 to 12mm
	HFOV (degrees)	88° to 30°
	Shutter Speed	1/12500s to 1/25s
	SNR	48.5dB, 42dB @5lux
	Lens Mount	M14
	Minimum Object Distance	0.3m
	Aperture	F1.4
	Iris Control	Yes (Auto/Manual through software)
	Zoom	Yes (Motorized)
	Focus	Yes (Motorized)
	Audio and Alarm Specifications	Audio-In, Audio-Out, Two Way Audio, Audio Compression, Alarm-In, Alarm-Out
Infrared	IR LED type	30 – Through-hole LEDs
	IR range	Up to 30m
Image & Video	Video Compression	H.265/H.264/MJPEG
	Resolutions	2048*1536(3MP)/1080p(2MP)/720p/D1/2CIF/CIF/QCIF
	Stream Profiles	3MP 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
	Stream type	Unicast/Multicast
	Bitrate	512Kbps - 8Mbps
	Frame Rate	1 - 30fps

	Network Protocols	TCP/IP, HTTP, DHCP, DNS, DDNS, RTP, RTSP, PPPoE, SMTP, NTP, SNMP, HTTPS, FTP, ONVIF G
	Image Enhancements	Saturation/ contrast/Brightness/Hue/Sharpness/Rotate
	Image Features	ROI, Edge Recording, Network Recording, Day/Night Settings (Auto / Manual), 3DNR, 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)
	Digital Zoom	Yes
	E-PTZ	Yes
	Digital WDR	Yes
	True WDR	120db
	Noise Filter	2DNR and 3DNR (Auto/Manual)
	Edge Recording	Yes
Events & Actions	Events	Motion detection, View Tamper, Line intrusion / Directional motion / Trip Wire, Zone Intrusion, IP-Conflict, Network-Disconnect, Storage Alert, Audio Exception, Missing Object, Abandoned Object, Loitering, People/Object Counting
	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 Degrees / (-)20 to 60 Degrees
	Operating Humidity	Less than 90% RH
	Certifications	CE, IP66, FCC Part-15 Class-B
	Dimension	158 x 134mm (L x H)
	Weight & Color	14000gm & White
	Material Type	Aluminum