

Camera		
Image Sensor		1/2.8" Exmor CMOS
Effective Pixels		1920(H) x 1080(V), 2 Megapixels
RAM/ROM		256M/128M
Scanning System		Progressive
Minimum Illumination		Color: 0.05Lux@F1.4; 0Lux@F1.4 (IR on)
S/N Ratio		More than 50dB
IR Distance		Distance up to 100m (328ft)
IR On/Off Control		Auto/Manual
IR LEDs		6
Lens		
Focal Length		4.7mm~94mm
Max. Aperture		F1.4 ~ F2.6
Angle of View		H: 56.1° ~ 3.1°
Optical Zoom		20x
Focus Control		Auto/Manual
Close Focus Distance		100mm~ 1000mm
PTZ		
Pan/Tilt Range		Pan: 0° ~ 360° endless; Tilt: -15° ~ 90°,auto
Manual Control Speed		Pan: 0.1° ~200° /s; Tilt: 0.1° ~120° /s
Preset Speed		Pan: 240° /s; Tilt: 200° /s
Presets		300
PTZ Mode		5 Pattern, 8 Tour, Auto Pan ,Auto Scan
Speed Setup		Human-oriented focal Length/ speed
Power up Action		Auto restore to previous PTZ and lens status
		power failure
Idle Motion		ActivatecommandPreset/in
Protocol		DH-SD
Intelligence		
Auto Tracking		N/A
IVS (optional)		Tripwire, DetectionIntrusion, Abandoned/Mis
Video		
Compression		H.264+/H.264 / MJPEG
Streaming Capability		3 Streams
Resolution		1080P(1920×1080)/720P(1280×720)/
		D1(704×576/704×480)/CIF(352×288/352×24
	Main stream	1080P/D1(1 ~ 25/30fps), 720P(1~50/60fps)
Frame Rate	Sub stream1	D1/CIF(1 ~ 25/30fps)
	Sub stream2	720P/D1/ CIF (1 ~ 25/30fps)
Bit Rate Control		CBR/VBR
Bit Rate		H.264+/H.264:10240Kbps 448K ~
Day/Night		Auto(ICR) / Color / B/W
Backlight Compensation		BLC / HLC / DWDR
White Balance		Auto,ATW,Indoor,Outdoor,Manual
Gain Control		Auto / Manual
Noise Reduction		Ultra DNR (2D/3D)

Motion Detetion		Support
Region of Interest		N/A
ElectronicStabilizationImage(EIS)		N/A
Defog		Support
Digital Zoom		16x
Flip		180°
Privacy Masking		Up to 24 areas
Audio		
Compression		G.711a/G.711u(32kbps)/PCM(128kbps)
Network		
Ethernet		RJ-45 (10/100Base-T)
		IPv4/IPv6,HTTP,HTTPS,SSL,TCP/IP,
Protocol		ICMP,IGMP,SNMP,RTSP,RTP,DNS,PPPOE,DD
Interoperability		ONVIF, PSIA, CGI
Streaming Method		Unicast / Multicast
Max. User Access		20 users
Edge Storage		NASinstant(Networkrecording,Attached128G
Web Viewer		IE10/Google/Firefox/Safari...
Management Software		Smart PSS, DSS
Smart Phone		iPhone, iPad, Android, Windows Phone
Certifications		
		CE:FCC:UL: EN55032/EN55024/EN50130-4UL60950-1+CAN/CSAPart15
Certifications		subpartB,ANSIC22.2,No.60950-1C63.4- 2014
Interface		
Video Interface		N/A
Audio Interface		01-Jan
RS485		N/A
Alarm		01-Feb
Electrical		
Power Supply		DC 12V/3A, PoE+(802.3at)
Power Consumption		13W,20W (IR on)