

Camera	
Image Sensor	1/3" 3Megapixel progressive CMOS
Effective Pixels	2304(H) x1536(V)
RAM/ROM	256MB/16MB
Scanning System	Progressive
Minimum Illumination	0.9Lux/F2.2(Color), 0Lux/F2.2(IR on)
S/N Ratio	More than 50dB
IR Distance	Distance up to 10m(33ft)
IR On/Off Control	Auto/ Manual
IR LEDs	1
Lens	
Lens Type	Fixed
Mount Type	Board-in
Focal Length	2.3mm
Max. Aperture	F2.2
Angle of View	H:120°;V:69°
Focus Control	Fixed
Close Focus Distance	N/A
PTZ	
Pan/Tilt Range	Pan:0° ~360° ;Tilt:-10° ~90° ;Rotation:0° ~360°
Video	
Compression	H.264/H.264B/H.264H.MJPEG
Streaming Capability	2 Streams
Resolution	3M(2048×1536)/3M(2304×1296)/ 1080P(1920×1080)/1.3M(1280×960)/ 720P(1280×720)/VGA(640 ×480)/ QVGA(320×240)
Frame Rate	3MP(1~20fps)2M(1~25/30fps) VGA/QVGA(1~25/30fps)
Bit Rate Control	CBR/VBR
Bit Rate	H264:32K ~ 10240Kbps
Day/Night	Auto(ICR) / Color / B/W
BLC Mode	BLC / HLC / DWDR
White Balance	Auto/Natural/Street Lamp/Outdoor/Manual
Gain Control	Auto/Manual
Noise Reduction	3D DNR
Motion Detetion	Off / On (4 Zone, Rectangle)
Region of Interest	Off / On (4 Zone)
Electronic Image	Support
Smart IR	Support
Digital Zoom	16x
Flip	0°/90°/180°/270°
Mirror	Off / On
Privacy Masking	Off / On (4 Area, Rectangle)
Audio	
Compression	G.711A;G.711Mu;AAC
Network	
Ethernet	RJ-45 (10/100Base-T)
Wi-Fi	Wi-Fi(IEEE802.11b/g/n),50m(open field)

Protocol	HTTP;HTTPs;TCP;ARP;RTSP;RTP;UDP;SMTP;FTP; DHCP;DNS;DDNS;PPPOE;IPv4/v6;QoS;UPnP;NTP; Bonjour;802.1x;Multicast;ICMP;IGMP;
Interoperability	ONVIF, PSIA, CGI
Streaming Method	Unicast / Multicast
Max. User Access	10 Users/20 Users
Edge Storage	NAS(Network Attached Storage),Local PC for instant recording, 128GB
Web Viewer	IE, Chrome, Firefox, Safari
Management Software	Smart PSS, DSS,Easy4ip
Smart Phone	iPhone, iPad, Android Phone
Certifications	
Certifications	CE (EN 60950:2000) UL:UL60950-1 FCC: FCC Part 15 Subpart B
Interface	
Video Interface	N/A
Audio Interface	Built-in Mic & Speaker
RS485	N/A
Alarm	N/A
Electrical	
Power Supply	DC5V 1A
Power Consumption	<4.7W
Environmental	
Operating Conditions	-10°C ~ +45°C (14°F ~ +113°F) / Less than 95% RH
Storage Conditions	-10°C ~ +45°C (14°F ~ +113°F) / Less than 95% RH
Ingress Protection	N/A
Vandal Resistance	N/A
Construction	
Casing	Plastic
Dimensions	64.4mm*55.7mm*107mm(2.54' x2.19"x4.21")
Net Weight	0.135Kg(0.30lb)
Gross Weight	0.36Kg(0.79lb)