

<b>Camera</b>	
Image Sensor	1/3" 4Megapixel progressive CMOS
Effective Pixels	2688(H) x1520(V)
RAM/ROM	256MB/16MB
Scanning System	Progressive
Minimum Illumination	0.1Lux/F1.4(Color), 0Lux/F1.4(IR on)
S/N Ratio	More than 50dB
IR Distance	Distance up to 30m(98ft)
IR On/Off Control	Auto/ Manual
IR LEDs	2
<b>Lens</b>	
Lens Type	Motorized(-ZS),Manual(-VFS)
Mount Type	Board-in
Focal Length	2.7mm~12mm
Max. Aperture	F1.4
Angle of View	H:100°~35°, V:54°~20
Focus Control	Motorized(-ZS),Manual(-VFS)
Close Focus Distance	0.3m
<b>PTZ</b>	
Pan/Tilt Range	Pan:0° ~355° ;Tilt:0° ~75° ;Rotation:0° ~355°
<b>Video</b>	
Compression	H.264+/H.264
Streaming Capability	2 Streams
Resolution	4M(2688×1520)/3M(2048×1536) (2304×1296)/1080P(1920×1080)/720P(1280×720) /D1(704×576/704×480)/CIF(352×288/352×240)
Frame Rate	4M(1 ~ 20fps)/2M (1 ~ 25/30fps) D1/CIF(1 ~ 25/30fps)
Bit Rate Control	CBR/VBR
Bit Rate	H264:24K ~ 8192Kbps
Day/Night	Auto(ICR) / Color / B/W
BLC Mode	BLC / HLC / WDR(120dB)
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 Stabilization(EIS)	N/A
Smart IR	Support
Digital Zoom	16x
Flip	0°/90°/180°/270°
Mirror	Off / On
Privacy Masking	Off / On (4 Area, Rectangle)
<b>Audio</b>	
Compression	N/A
<b>Network</b>	
Ethernet	RJ-45 (10/100Base-T)
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 Micro SD Card 128GB
Web Viewer	IE, Chrome, Firefox, Safari
Management Software	Smart PSS, DSS,Easy4ip
Smart Phone	IOS, Android
<b>Certifications</b>	
Certifications	CE (EN 60950:2000)  UL:UL60950-1  FCC: FCC Part 15 Subpart B
<b>Interface</b>	
Video Interface	N/A
Audio Interface	N/A
RS485	N/A
Alarm	N/A
<b>Electrical</b>	
Power Supply	DC12V PoE (802.3af)(Class 0)
Power Consumption	<9.75W
<b>Environmental</b>	
Operating Conditions	-30° C ~ +60° C (-22° F ~ +140° F) / Less than 95% RH
Storage Conditions	-30° C ~ +60° C (-22° F ~ +140° F) / Less than 95% RH
Ingress Protection	IP67
Vandal Resistance	IK10
<b>Construction</b>	
Casing	Metal
Dimensions	φ122mm×88.9mm(4.80×3.50)
Net Weight	0.4Kg (0.88lb)
Gross Weight	0.54Kg(1.19lb)