

<b>Camera</b>	
Image Sensor	1/3" 4Megapixel progressive scan CMOS
Effective Pixels	2688(H) x1520(V)
RAM/ROM	256MB/16MB
Scanning System	Progressive
Minimum illumination	0.1Lux/F2.0(Color), 0Lux/F2.0 (IR on)
S/N Ratio	More than 50dB
IR Distance	Distance up to 30m (98ft)
IR On/Off Control	Auto/ Manual
IR LEDs	24
<b>Lens</b>	
Lens Type	Fixed
Mount Type	Board-in
Focal Length	2.8mm(3.6mm optional)
Max. Aperture	F2.0
Angle of View	H:106°/83°, V:60°/47°
Focus Control	Manual
Close Focus Distance	N/A
<b>PTZ</b>	
Pan/Tilt Range	Pan:0° ~355° ;Tilt : 0° ~65° ; Rotation : 0° ~355°
<b>Video</b>	
Compression	H.264+/ H.264
Streaming Capability	2 streams
Resolution	4MP(2688×1520)/3M(2304×1296 1080P(1920×1080)/720P(1280×720)/ D1(704×576/704×480)
Frame Rate	4M(1 ~ 20fps)/ 3MP(1 ~ 25/30fps) D1(1 ~ 25/30fps)
Bit Rate Control	CBR/VBR
Bit Rate	H.264:32K ~ 10Mbps
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 Detection	Off / On (4 Zone, Rectangle)
Region of Interest	Off / On (4 Zone)
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, Local PC for instant recording
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	<4.0W/5.0W
<b>Environmental</b>	
Operating Conditions	-30°C ~ +60°C (-22°F ~ +140°F) / Less than 90% RH
Storage Conditions	-30°C ~ +60°C (-22°F ~ +140°F) /Less than 90% RH
Ingress Protection	IP67
Vandal Resistance	IK10
<b>Construction</b>	
Casing	Metal
Dimensions	Φ109.9mm × 81mm (4.33" x 3.19")
Net Weight	0.34Kg (0.75lb)
Gross Weight	0.47Kg (1.04lb)