

Image Sensor	1/2.8" CMOS	
Effective Pixels	1944(H) x 1092(V), 2Megapixels	
Scanning System	Progressive	
Electronic Shutter Speed	1/3 ~ 1/30,000s	
Min. Illumination	Color: 0.05Lux@F1.6;	
	B/W: 0.005Lux@F1.6	
S/N Ratio	More than 55dB	
<b>Camera Features</b>		
Day/Night	Auto(ICR) / Color / B/W	
Backlight Compensation	BLC / HLC / DWDR (Digital WDR)	
White Balance	Auto, ATW, Indoor, Outdoor, Manual	
Gain Control	Auto / Manual	
Noise Reduction	Ultra DNR (2D/3D)	
Privacy Masking	Up to 24 areas	
Digital Zoom	16x	
<b>Lens</b>		
Focal Length	4.5mm~135mm	
	(30x Optical zoom)	
Max Aperture	F1.4 ~ F2.6	
Focus Control	Auto / Manual	
FOV-H	H: 67.8° ~ 2.4°	
Close Focus Distance	100mm~ 1000mm	
<b>PTZ</b>		
Pan/Tilt Range	Pan: 0° ~ 360° endless; Tilt: -15° ~ 90°, auto	
Manual Control Speed	Pan: 0.1° ~300° /s; Tilt: 0.1° ~200° /s	
Preset Speed	Pan: 400° /s; Tilt: 300° /s	
Preset	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	
Idle Motion	Activate Preset/ Pan/ Scan/ Tour/ Pattern if	
IR Distance	100m	
<b>Video</b>		
Compression	H.264 / MJPEG	
Resolution	1080P(1920×1080)/ 720P(1280×720) /	
	(352×288/352×240)	
Frame Rate	Main Stream	1080P/ D1 (1 ~ 25/30fps), 720P(1~50/60fps)
	Sub Stream 1	D1/CIF(1 ~ 25/30fps)
	Sub Stream 2	720P/ D1/ CIF (1 ~ 25/30fps)
Bit Rate	H.264: 448K ~ 8192Kbps, MJPEG: 5120K ~	
<b>Audio</b>		
Compression	G.711a / G.711Mu(32kbps)/ PCM(128kbps)	
Interface	1/1 channel In/Out	
<b>Intelligent Function</b>		
IVS (optional)	Tripwire, Intrusion, Abandoned Object	
Face Detection	Support	
<b>Network</b>		

Ethernet	RJ-45 (10/100Base-T)
Protocol	IPv4/ IPv6, HTTP, HTTPS, SSL, TCP/IP, UDP, UPnP, ICMP, IGMP, SNMP, RTSP, RTP, SMTP, NTP, DHCP, DNS, PPPOE, DDNS, FTP, IP Filter, QoS, Bonjour, 802.1x
Compatibility	ONVIF PSIA CGI
Max. User Access	20 users
Smart Phone	iPhone, iPad, Android, Windows Phone
<b>Auxiliary Interface</b>	
Memory Slot	Micro SD, Max 128GB
Alarm	2/1 channel In/Out
<b>General</b>	
Power Supply	AC24V, POE plus(802.3at)
Power Consumption	13W, 23W (IR on)
Working Environment	-40°C ~ 70°C / Less than 90% RH
Ingress Protection	IP66
Dimensions	Φ186.0(mm) x 309(mm)
Weight	3.5kg