

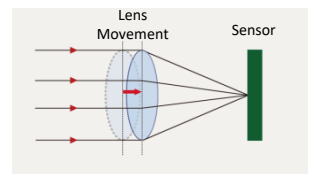
- ▲ Auto Back Focus (ABF) built in*
- ▲ i-CS Lens Support Option*
- ▲ HDR Engine Gen3
- ▲ Dual IRIS support
- ▲ Triple power support (PoE/ DC12V/ AC24V)



* optional

Auto Back Focus (ABF)

S5-6 can perform fast, reliable auto focus and can adapt to different indoor and outdoor scenes through its unique algorithm. As auto focus can be done by camera itself, no on-site focus adjustment is required.



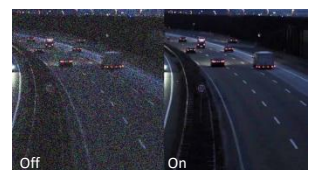
HDR Engine Gen3

The latest HDR engine delivers excellent, natural high dynamic images. Both details of high light and low light areas are kept, and no blending artifacts are generated.



Crystal Engine Gen3

Under extremely low light environment, Crystal engine gen3 delivers low noise, high quality image without compromising on details. In addition, it also keeps image sharp on motion object.



Features

- Multiple Progressive Scan CMOS Sensor support up to 5M Resolution
- Multi Exposure HDR
- Multi Codec support (H.265/ H.264/ MJPEG)
- Low Latency Streaming
- Quad Streams support
- True Day/Night function (ICR)
- 3D Motion Compensated Noise Reduction (MCTF)
- Smart Event function
 - External Input/ Motion Detection
 - Network Failure Detection/ Audio Detection
 - Periodical Event/ Manual Trigger/ Tampering Alarm
- Text Overlay and Privacy Masks
- Micro SD/ SDHC/ SDXC Card support
- ONVIF Profile S/ G/ T/ M support
- Smart Low Bitrate control

Custom Specification (Default)

OmniVision 5M		
Image Sensor	OmniVision 5M 1/2.7" Progressive CMOS	
Effective Pixels	HxV = 2720x1976 (5M)	
Pixel Size	2.0 μm	
Frame Rate (Maximum)	H.265	HDR 5M @30fps + 720p @30fps
	H.264	HDR 5M @30fps + 720p @30fps
	MJPEG	2M @30fps
Lens : Default		
Minimum Illumination ¹	Color	0.15 lux @ F1.3
	B/W	0.03 lux @ F1.3
Lens	CS Mount lens Remote focus(ABF)* i-CS lens*	
Iris	Auto-Iris P-iris*/ DC-Iris*	

¹ Depends on Lens

* Optional

Common Specification

Camera	
Day and Night	Removable IR-cut filter
Shutter Time	1~1/10K sec.
HDR	Gen3 Engine
Digital Zoom	10x
Image Settings	Exposure, White Balance, Brightness, Sharpness, Contrast, Saturation, Hue, Noise Reduction, Text Overlay, Privacy Mask
Rotation	90°, 180°, 270° rotation
Video Codec	
Compression	H.265/ H.264/ MJPEG
Streaming	Up to 4 individually configurable streams in H.265/ H.264/ MJPEG Configurable resolution/ frame rate/ bandwidth LBR/ VBR/ CBR in H.265/ H.264
Audio Codec	
Compression	G.711/ G.726/ AAC/ LPCM
Streaming	2 way
Audio Input	Line in and Microphone built-in
Audio Output	Line out
Network	
Interface	10/ 100Mbps Ethernet
Security	User Authentication/ HTTPS/ IP Filter/ IEEE 802.1x
Supported Protocols	ARP, PPPoE, IPv4/v6, ICMP, IGMP, QoS, TCP, UDP, DHCP, UPnP, SNMP, SMTP, RTP, RTSP, RTSPS, HTTP, HTTPS, FTP, NTP, DDNS, LLDP, RTMP, SRTP
ONVIF	Profile S/ G/ T/ M conformant
System Integration	
General Analytics	Motion Detection/ Tampering/ Audio Detection
Events Triggers	External Input, Analytics, Network Failure Detection, Periodical Event, Manual Trigger
Event Actions	External output Activation Video and audio recording to edge storage File Upload : FTP, network share and email Notification : HTTP, FTP, email

General		
Casing	Metal and Plastic	
Power	PoE IEEE802.3af, class 0, max 9.18 watt DC12V, max 0.87 A, max 10.37 watt AC24V, max 9.15 watt, max 16.34 VA	
Connectors	RJ45	
	DC12V, Terminal Block	
	AC24V, Terminal Block	
	Alarm in x2, Alarm out x2, Terminal Block	
	Audio in, 3.5mm Jack	
	Audio out, 3.5mm Jack	
	RS485 Terminal Block CVBS connector	
Storage	Support for microSD/ microSDHC/ microSDXC card Support for recording to NAS	
Operating Conditions	-30°C~55°C 10%~90%, No Condensation	
Storage Conditions	-20°C~70°C	
Approvals	EMC Safety	CE/ FCC RoHS
Dimensions	ABF : 148.8x79.7x52.6 mm Non-ABF : 125.3x79.7x52.6 mm	
Weight	ABF : 395 g Non-ABF : 300 g	

Custom Specification

Default

OmniVision 5M					
Image Sensor	OmniVision 5M 1/2.7" Progressive CMOS				
Effective Pixels	HxV = 2720x1976 (5M)				
Pixel Size	2.0 μm				
Frame Rate (Maximum)	H.265	HDR 5M	@30fps	+ 720p	@30fps
	H.264	HDR 5M	@30fps	+ 720p	@30fps
	MJPEG	2M	@30fps		
Lens					
Minimum Illumination ¹	Color	0.15 lux @ F1.3			
	B/W	0.03 lux @ F1.3			
Lens	CS Mount lens Remote focus(ABF)* i-CS lens*				
Iris	Auto-Iris P-iris*/ DC-Iris*				

¹ Depends on Lens

* Optional

Sony 5M				
Image Sensor	Sony 5M 1/2.8" Progressive CMOS			
Effective Pixels	HxV = 2616x1964 (5M)			
Pixel Size	2.0 μm			
Frame Rate (Maximum)	H.265	HDR 5M	@30fps	+ 720p @30fps
	H.264	HDR 5M	@30fps	+ 720p @30fps
	MJPEG	2M	@30fps	
Lens				
Minimum Illumination ¹	Color	0.13 lux @ F1.3		
	B/W	TBD lux		
Lens	CS Mount lens Remote focus(ABF)* i-CS lens*			
Iris	Auto-Iris P-iris*/ DC-Iris*			

¹ Depends on Lens

* Optional

OmniVision 4M					
Image Sensor	OmniVision 4M 1/3" Progressive CMOS				
Effective Pixels	HxV = 2720x1536 (4M)				
Pixel Size	2.0 μm				
Frame Rate (Maximum)	H.265	HDR 4M	@30fps	+ 720p	@30fps
	H.264	HDR 4M	@30fps	+ 720p	@30fps
	MJPEG	2M	@30fps		
Lens					
Minimum Illumination ¹	Color	TBD lux			
	B/W	TBD lux			
Lens	CS Mount lens Remote focus(ABF)* i-CS lens*				
Iris	Auto-Iris P-iris*/ DC-Iris*				

¹ Depends on Lens

* Optional

OmniVision 4M				
Image Sensor	OmniVision 4M 1/1.8" Progressive CMOS			
Effective Pixels	HxV = 2688x1520 (4M)			
Pixel Size	2.9 μm			
Frame Rate (Maximum)	H.265	HDR 4M	@30fps	+ 720p @30fps
	H.264	HDR 4M	@30fps	+ 720p @30fps
	MJPEG	2M	@30fps	
Lens				
Minimum Illumination ¹	Color	0.05 lux @ F1.5		
	B/W	0.005 lux @ F1.5		
Lens	CS Mount lens Remote focus(ABF)* i-CS lens*			
Iris	Auto-Iris P-iris*/ DC-Iris*			

¹ Depends on Lens

* Optional

Sony 2M					
Image Sensor	Sony 2M 1/2.8" Progressive CMOS				
Effective Pixels	HxV = 1945x1097 (2M)				
Pixel Size	2.9 μm				
Frame Rate (Maximum)	H.265	HDR 2M	@30fps	+ 720p	@30fps
	H.264	HDR 2M	@30fps	+ 720p	@30fps
	MJPEG	2M	@30fps		
Lens					
Minimum Illumination ¹	Color	0.078 lux @ F1.5			
	B/W	0.016 lux @ F1.5			
Lens	CS Mount lens Remote focus(ABF)* i-CS lens*				
Iris	Auto-Iris P-iris*/ DC-Iris*				

¹ Depends on Lens

* Optional

Sony 2M				
Image Sensor	Sony 2M 1/2" Progressive CMOS			
Effective Pixels	HxV = 1945x1097 (2M)			
Pixel Size	3.75 μm			
Frame Rate (Maximum)	H.265	HDR 2M	@30fps	+ 720p @30fps
	H.264	HDR 2M	@30fps	+ 720p @30fps
	MJPEG	2M	@30fps	
Lens				
Minimum Illumination ¹	Color	TBD lux		
	B/W	TBD lux		
Lens	CS Mount lens i-CS lens*			
Iris	DC-Iris P-iris*/ Auto-Iris*			

¹ Depends on Lens

* Optional