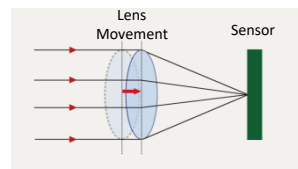


- ▲ Zoom lens/ Motorized lens available
- ▲ Auto Focus function
- ▲ HDR Engine Gen3
- ▲ Dual IRIS support (Auto-IRIS & P-IRIS)
- ▲ IR LED built in



## Auto Focus

S5-I 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 line-interleaved HDR
- Multi Codec support (H.265/ H.264/ MJPEG)
- Low Latency Streaming
- Quad Streams support
- True Day/Night function (ICR)
- IR LED (working distance up to 40m)
- 3D Motion Compensated Noise Reduction (MCTF)
- Smart Event function
  - External Input/ Motion Detection
  - Network Failure Detection/ Tampering Alarm
  - Periodical Event/ Manual Trigger/ Audio Detection
- Text Overlay and Privacy Masks
- Micro SD/ SDHC/ SDXC Card support
- ONVIF Profile S/ G/ T/ M support
- Smart Low Bitrate control
- Zero-Down-Time(ZDT) Power Switching

## Custom Specification ( Default )

| Sony 2M                 |                                      |                                    |
|-------------------------|--------------------------------------|------------------------------------|
| Image Sensor            | Sony 2M<br>1/2.8" Progressive CMOS   |                                    |
| Effective Pixels        | HxV = 1945x1097 (2M)                 |                                    |
| Pixel Size              | 2.9 μm                               |                                    |
| Frame Rate<br>(Maximum) | H.265 HDR 1080P @30fps + 720p @30fps |                                    |
|                         | H.264 HDR 1080P @30fps + 720p @30fps |                                    |
|                         | MJPEG 1080p @30fps                   |                                    |
| Lens : Default          |                                      |                                    |
| Minimum Illumination    | Color                                | TBD lux                            |
|                         | B/W                                  | TBD lux                            |
| Lens                    | Type                                 | Zoom Lens, P-Iris, Auto-Iris, F1.3 |
|                         | Focal Length                         | 2.9-9mm                            |
|                         | Horizontal FOV                       | 114.6° (wide),36.6° (tele)         |
|                         | Vertical FOV                         | 62.3° (wide),20.7° (tele)          |

## Common Specification

| Camera              |  |
|---------------------|--|
| Day and Night       | Automatically removable IR-cut filter  |
| Shutter Time        | 1~1/10K sec.   |
| HDR                 | Gen3 Engine  |
| Zoom                | Optical zoom, digital zoom 10x   |
| Image Settings      | Color, Brightness, Sharpness, Contrast<br>White Balance, Exposure Control<br>2DNR, 3DNR, NR by Motion<br>Masking, Text Overlay                         |
| Image 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<br>Configurable resolution/ frame rate/ bandwidth<br>LBR/ VBR/ CBR in H.265/ H.264    |
| Audio Codec         |  |
| Compression         | G.711 / G.726 / AAC / LPCM   |
| Streaming           | 2 way  |
| Audio Input         | Line 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, HTTP, HTTPS, FTP, NTP, DDNS   |
| ONVIF               | Profile S / G / T/ M conformant  |
| System Integration  |  |
| Analytics           | Motion Detection/ Tampering/ Audio detection   |
| Event Triggers      | External Input, Analytics, Network Failure Detection, Periodical Event, Manual Trigger   |
| Event Actions       | External output Activation<br>Video and audio recording to edge storage<br>File Upload : FTP, network share and email<br>Notification HTTP, FTP, email |

| General              |  |
|----------------------|--|
| Casing               | Metal and Plastic  |
| Power                | PoE IEEE802.3af, class 0, max TBD watt<br>DC12V, max TBD watt<br>AC24V, max TBD watt, max TBD VA |
| Connectors           | RJ45   |
|                      | Alarm in x1, Alarm out x1, Terminal Block  |
|                      | DC12V Terminal Block   |
|                      | AC24V Terminal Block   |
|                      | Audio in Terminal Block<br>Audio out Terminal Block<br>CVBS Connector                            |
| IR Illumination      | Illumination distance: 40m   |
| Storage              | Support for microSD/microSDHC/microSDXC card<br>Support for recording to NAS                     |
| Operating Conditions | -30°C~55°C<br>10%~90%, No Condensation   |
| Storage Conditions   | -20°C~70°C   |
| Approvals            | EMC<br>CE / FCC  |
| Dimensions           | Ø124.9x128.5 mm  |
| Weight               | 405 g  |

## Custom Specification

| Sony 2M                 |                                      |                                    |
|-------------------------|--------------------------------------|------------------------------------|
| Image Sensor            | Sony 2M<br>1/2.8" Progressive CMOS   |                                    |
| Effective Pixels        | HxV= 1945x1097 (2M)                  |                                    |
| Pixel Size              | 2.9 μm                               |                                    |
| Frame Rate<br>(Maximum) | H.265 HDR 1080p @30fps + 720p @30fps |                                    |
|                         | H.264 HDR 1080p @30fps + 720p @30fps |                                    |
|                         | MJPEG 1080p @30fps                   |                                    |
| Lens                    |                                      |                                    |
| Minimum Illumination    | Color                                | TBD lux                            |
|                         | B/W                                  | TBD lux                            |
| Lens                    | Type                                 | Zoom Lens, P-Iris, Auto-Iris, F1.6 |
|                         | Focal Length                         | 9-22mm                             |
|                         | Horizontal FOV                       | 36.7° (wide), 15.4° (tele)         |
|                         | Vertical FOV                         | 20.3° (wide), 8.8° (tele)          |

Default

| Sony 2M                 |                                      |                                    |
|-------------------------|--------------------------------------|------------------------------------|
| Image Sensor            | Sony 2M<br>1/2.8" Progressive CMOS   |                                    |
| Effective Pixels        | HxV= 1945x1097 (2M)                  |                                    |
| Pixel Size              | 2.9 μm                               |                                    |
| Frame Rate<br>(Maximum) | H.265 HDR 1080p @30fps + 720p @30fps |                                    |
|                         | H.264 HDR 1080p @30fps + 720p @30fps |                                    |
|                         | MJPEG 1080p @30fps                   |                                    |
| Lens                    |                                      |                                    |
| Minimum Illumination    | Color                                | TBD lux                            |
|                         | B/W                                  | TBD lux                            |
| Lens                    | Type                                 | Zoom Lens, P-Iris, Auto-Iris, F1.3 |
|                         | Focal Length                         | 2.9-9mm                            |
|                         | Horizontal FOV                       | 114.6° (wide), 36.6° (tele)        |
|                         | Vertical FOV                         | 62.3° (wide), 20.7° (tele)         |