



**Description** High resolution, high speed CMOS sensors adopted PoE compatible GigE camera.

**Features** Sony CMOS [Pregius] adopted cameras are also available.

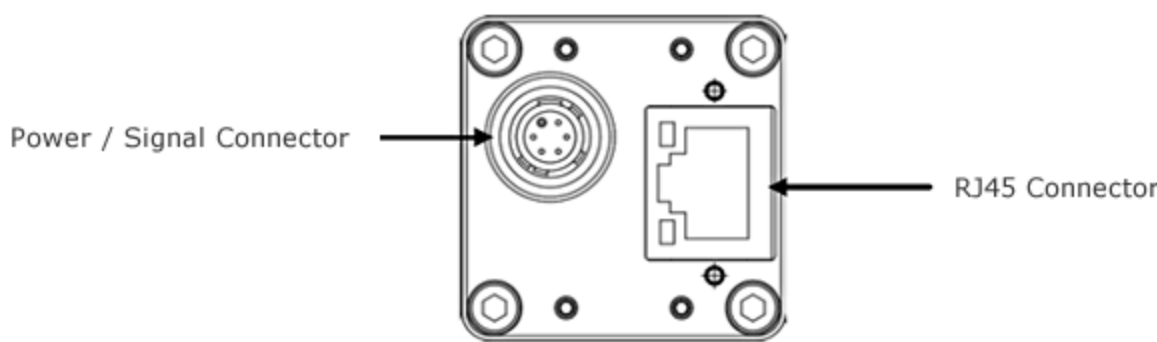


Product Lineup

Resolution	0.4M	1.3M	1.6M	2M	2.3M	3.2M	4M	5M	5M	8.3M	10M	12M	
Model No.	Monochrome	STC-SBS43POE	STC-SBE132POE	STC-SBS163POE	STC-CMB2MPOE	STC-SBS231POE	STC-SBS312POE	STC-CMB4MPOE	STC-SBS500POE	STC-SBA503POE		STC-SBA1002POE (Coming soon)	STC-SBS1242POE
	Color	STC-SCS43POE	STC-SCE132POE	STC-SCS163POE	STC-CMC2MPOE	STC-SCS231POE	STC-SCS312POE	STC-CMC4MPOE	STC-SCS500POE	STC-SCA503POE	STC-SCS853POE		STC-SCS1242POE
	Monochrome near-infrared				STC-CMB2MPOE-IR			STC-CMB4MPOE-IR					
Frame Rate	265fps	60fps	69fps	50fps	41.6fps	33.4fps	25fps	21fps	14fps	12.7fps	10.4fps	8.7fps	
Effective Pixels	728 x 544	1280 x 1024	1456 x 1088	2048 x 1088	1920 x 1200	2048 x 1536	2048 x 2048	2448 x 2048	2592 x 1944	3840 x 2160	3856 x 2764	4000 x 3000	
Sensor Size	1/2.9"	1/1.8"	1/2.9"	2/3"	1/1.2"	1/1.8"	1"	2/3"	1/2.5"	1/2.5"	1/2.3"	1/1.7"	
Cell Size (H x V, μm)	6.9 x 6.9	5.3 x 5.3	3.45 x 3.45	5.5 x 5.5	5.86 x 5.86	3.45 x 3.45	5.5 x 5.5	3.45 x 3.45	2.2 x 2.2	1.62 x 1.62	1.67 x 1.67	1.85 x 1.85	
Imaging Area (H x V x D, mm)	5.02 x 3.75	6.8 x 5.4 x 8.7	5.02 x 3.05	11.264 x 5.984 x 12.755	11.25 x 7.03 x 13.4	7.06 x 5.29	11.264 x 11.264 x 15.930	8.44 x 7.06	5.7 x 4.28 x 7.13	6.22 x 3.45	6.43 x 4.61	7.40 x 5.55	
Sensor	Monochrome	IMX287	EV76C560	IMX273	CMV2000	IMX249	IMX265	CMV4000	IMX264	MT9P031		MT9P003	IMX226
	Color	IMX287	EV76C560	IMX273	CMV2000	IMX249	IMX265	CMV4000	IMX264	MT9P031	IMX274		IMX226
Lens Mount	C-Mount	C-Mount	C-Mount	C-Mount	C-Mount	C-Mount	C-Mount	C-Mount	C-Mount	C-Mount	C-Mount	C-Mount	C-Mount
General Specifications	Global Shutter	Global Shutter	Global Shutter	Global Shutter	Global Shutter	Global Shutter	Global Shutter	Global Shutter	Global Shutter	Rolling Shutter	Rolling Shutter	Rolling Shutter	Rolling Shutter

External Connector Specifications

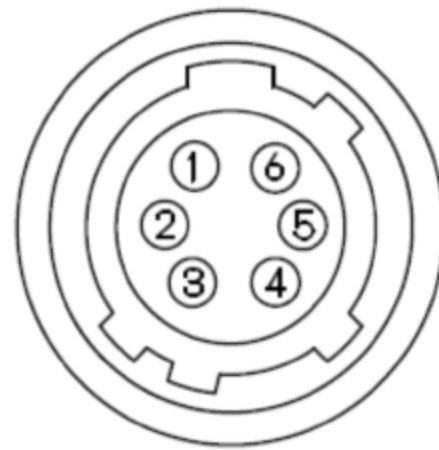
External Link Connectors	Ethernet: RJ45, power supply I/O: HR10A-7R-6PB (Hirose)
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- ▶ Connector: HR10A-7R-6PB (Hirose Electric) equivalent
- ▶ These are connectors for power input and I/O signals.
- ▶ Please use an HR10A-7P-6S (Hirose Electric) equivalent on the cable-side.

Pin Assignments

Pin No.	Signal Name	I/O	Signal Voltage
1	GND	IN	0V
2	Output 1	OUT	Open Collector
3	Output 2	OUT	Open Collector
4	TRG INPUT- (Opt. Isolated -)	IN	Low: +1.0V or lower High: +3.0 to +26.4V
5	TRG INPUT+ (Opt. Isolated +)	IN	* Potential difference between TRG Input - and TRG Input +
6	POWER IN	IN	+10.8 to +26.4 Vdc



External View

[Downloads](#)

