

## 10. STC-SB202POEHS/SC202POEHS

Model Number		STC-SB202POEHS	STC-SC202POEHS
Imager		1/1.8" interline UXGA monochrome progressive CCD: ICX274AL	1/1.8" interline UXGA color progressive CCD: ICX274AQ
Total Picture Elements		1688 (H)x 1248 (V)	
Active Picture Elements		UXGA: 1624 (H) x 1236 (V)	
Cell Size		4.4 (H) x 4.4 (V) $\mu$ m	
Scanning System		Progressive	
Vertical Frequency (Frame Rate)		30.63280 Hz at full resolution 0.58522 to 122.53119 Hz changeable via the communication (Frame rate depends on the AOI setting) Maximum frame rate (122.53119 Hz) is when vertical resolution AOI setting is 112.	
Horizontal Frequency		38.352264 kHz	
Pixel Frequency		73.6364MHz	
Noise Level	@ 8bit output	$\leq$ 4 Digit (Gain 0 dB)	
	@ 10bit output	$\leq$ 15 Digit (Gain 0 dB)	
	@ 12bit output	$\leq$ 60 Digit (Gain 0 dB)	
Minimum Scene Illumination		0.348Lux at F1.2, 30.63280 Hz	14.532Lux at F1.2, 30.63280 Hz
Sync. System		Internal	
Video Output Format		Digital 8, 10 or 12 bit Raw Data	Digital 8, 10 or 12 bit Raw data or RGB 8 bit
Interface		PoE : IEEE802.3af CLASS2 (1000BASE-T)	
Protocol		GigE Vision <sup>®</sup> 1.2 and GenICam <sup>™</sup> 2.0 compliant	
Exposure Time		Preset continuous mode: 0,10 useconds to 16,777,215 useconds Preset trigger mode: 0,10 useconds to 16,777,215 useconds Pulse width mode: 0,10 useconds to Unlimited '0':Electric shutter Off(Full exposure)	
ALC		AE and AGC (ON/OFF)	
Gain		0 to 18.309 dB	
Gamma		Gamma 1.0 (Factory default) or uploadable gamma table	
AOI Function		Variable AOI setting via the communication	
Smear Reduction		Selectable ON/OFF via the communication	
Color Interpolation		N/A	Available on RGB Output
White Balance		N/A	Auto, Manual, Push to Set White Balance are available on both raw data and RGB outputs
Operational Mode		Edge preset trigger, Pulse width trigger (unlimited long exposure) *Note1	
Communication		UART communication through Ethernet port	
I/O		One opt-isolated input and two open collector outputs	
Power	Input Voltage	+10.8 to +26.4 Vdc via power-I/O connector or Power over Ethernet (Power-I/O connector power supply is prioritized.)	
	Consumption (Max/Default)	12V: 4.1W/3.9W, PoE: 4.4W/4.2W	