

9. STC-SB152POEHS/SC152POEHS

Model Number		STC-SB152POEHS	STC-SC152POEHS
Imager		1/2" interline SXGA monochrome progressive CCD: ICX267AL	1/2" interline SXGA color progressive CCD: ICX267AK
Total Picture Elements		1434 (H) x 1050 (V)	
Active Picture Elements		SXGA: 1360 (H) x 1040 (V)	
Cell Size		4.65 (H) x 4.65 (V) μ m	
Scanning System		Progressive	
Vertical Frequency (Frame Rate)		34.23358 Hz at full resolution 0.55789 to 136.93433 Hz changeable via the communication (Frame rate depends on the AOI setting) Maximum frame rate (136.93433 Hz) is when vertical resolution AOI setting is 122.	
Horizontal Frequency		36.56147 KHz	
Pixel Frequency		65.4545MHz	
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		0.996 Lux at F1.2, 39.82294 Hz	27.684 Lux at F1.2, 39.82294 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® 1.2 and GenICam™ 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: 3.5W/3.2W, PoE: 3.7W/3.5W	