

2 Electronic Specifications

2.1 STC-620/625

Model Number	STC-620(NTSC)	STC-625(PAL)
Image Sensor	1/2 inch Interline CCD ICX418AKL	1/2 inch Interline CCD ICX 419AKL
Active Picture Elements	768(H) x 494(V)	752(H) x 582(V)
Signal Format	NTSC	PAL
Scanning System	2:1 Interlace	
Scanning Frequency	Horizontal Frequency 15.734kHz Vertical Frequency 59.94Hz	Horizontal Frequency 15.625kHz Vertical Frequency 50.00Hz
Sync. System	Internal / External	
Horizontal Resolution	480TV Lines	
S/N Ratio	More than 48dB (AGC=OFF)	
Video Output Format	VBS 1.0Vp-p 75Ω , Y/C	
Minimum Scene illumination	TBD lx, F1.2 (AGC=ON)	
Electronic Shutter	[Dip Switch] 1/60(1/50:PAL), 1/125, 1/250, 1/500, 1/1000, 1/2000, 1/4000, 1/10000 sec [Auto/Control Software] High Speed Shutter: 1/60(1/50:PAL), 1/125, 1/250, 1/500, 1/1000, 1/2000, 1/4000, 1/10000, 1/100000 sec Low Speed Shutter: 1 to 256FLD(Configurable through the control software)	
White Balance	Auto / Push to Set/ Manual (Configurable through the control software)	
Auto IRIS	Non-Support	
AGC	ON / OFF	
Gamma	0.45/1.0 (Switchable, Configurable through the control software), Defalut:0.45	
Image Rotation	Normal (Default),Horizontal Flip, Vertical Flip, Horizontal Vertical Flip	
Still Image	Support	
Lens Mount	C Mount	
Optical Filter	IR Cut Filter	
Input Voltage	DC9V~15V	
Power Consumption	TBD (170mA ± 20mA)	
Operational Temperature	TBD (-10°C - +45°C)	
Storage Temperature	TBD (-20°C - +60°C)	
Dimensions	Board Type : 45(W) x 45(W) x 30(D) mm ※1 Case Type: 51(W) x 51(H) x Approximately 60.5(D) mm ※1	
Weight	Board Type: Approximately TBD g Case Type : Approximately TBD g	

※1 Exclude connector