

		EV-G030B1
Imager		1/3" interline VGA monochrome progressive CCD (ICX424AL)
Active picture elements		VGA: 648 (H) x 494 (V)
Cell size		7.4 (H) x 7.4 (V) μm
Vertical frequency (frame rate)		89.91172 Hz at full resolution 0.72028 to 360.33325 Hz adjustable via the communication (Frame rate depends on the AOI setting) Maximum frame rate (360.33325 Hz) is when vertical resolution AOI setting is 104.
Horizontal frequency		47.2028 kHz
Pixel frequency		36.818175 MHz
Minimum scene illumination		0.58 Lux at F1.2, 89.91172 Hz
Sync. system		Internal
Video output format		Digital 8, 10 or 12 bit Raw data
Exposure time		Preset continuous mode: 10 $\mu\text{seconds}$ to 16,777,216 $\mu\text{seconds}$ Preset trigger mode: 10 $\mu\text{seconds}$ to 16,777,216 $\mu\text{seconds}$ Pulse width mode: 10 $\mu\text{seconds}$ to unlimited
Gain		0 to 20.4 dB
Gamma		Gamma 1.0 (Factory default) or uploadable gamma table
Power supply	Input voltage	+10.8 to +26.4 Vdc (power/signal connector or Power Over Ethernet connector) (power supply from power/signal connector automatically prioritized)
	Consumption	Less than 6.5 W
Dimensions		50 (W) x 50 (H) x 53.5 (D) mm (NOT including the connector)
Lens mount		C-mount
Weight		Approximately 170g
Operational temperature	Minimum	-5 $^{\circ}\text{C}$
	Maximum	Camera housing temperature (top plate) should not exceed 70 $^{\circ}\text{C}$
Storage temperature		Environmental temperature: -30 to 65 $^{\circ}\text{C}$