

FV-L030B1 Product specifications

Imager	1/3" interline VGA monochrome progressive CCD	
Active picture elements	VGA: 648 (H) × 494 (V)	
Cell size	7.4 (H) × 7.4 (V) μm	
Vertical frequency (Frame rate)	31.47 (30fps) / 62.94 (60fps) / 94.784 (90fps) Hz in partial full scanning (default scanning mode)	
Horizontal frequency	15.7343 (30fps) / 31.4685 (60fps) / 47.2028 (90fps) kHz	
Pixel frequency	12.2727 (30fps) / 24.5454 (60fps) / 36.8181 (90fps) MHz	
Minimum scene illumination	0.4 lux at F1.2	
Sync. System	Internal	
Video output format	Digital 8 , 10 or 12 bit Raw Data (Base configuration)	
Exposure time	OFF, 1/3 to 1/40,000 sec. (Variable at every H and clock) (30fps) OFF, 1/7 to 1/80,000 sec. (Variable at every H and clock) (60fps) OFF, 1/11 to 1/120,000 sec. (Variable at every H and clock) (90fps)	
Gain	0 to 27 dB	
Power supply	Input voltage	DC 12 Vdc \pm 10%
	Consumption	Less than 2.7 W
Dimensions	28 (W) × 28 (H) × 40(D) mm (NOT Including the connector)	
Lens mount	C mount	
Weight	Approximately 43 g	
Environmental specifications	Operational temperature	-5 to 50 deg. C
	Storage temperature	-30 to 65 deg. C