

Clemex ST 5 MP Monochrome USB 3.0 Camera CL-13-885

Sensor specification

Image Sensor	SONY IMX250
Shutter Type	Global Shutter
Optical Format	2/3"
Pixel Size	3.45 x 3.45 μm
Resolution	5 MP

Camera Specifications

Frame Rate	75.7 fps
Bit Depth	10 bits / 12 bits
Exposure Control	Edge preset trigger / Pulse width trigger / Start stop trigger/ Free-run
Exposure Time	20.1 $\mu\text{seconds}$ to 26 seconds
Gain Range Analog	0 to 19.2 dB
Gain Range Digital	x1 to x2
White Balance	N/A

Mechanical Specifications

Data Interface	HR10A-7R-6PB (Hirose) or equivalent x 1
Lens Mount	C Mount
Dimensions	28 (W) x 28 (H) x 40 (D) mm
Mass	Approximately 48 g
Operating Temperature	0 to 65 °C
Storage Temperature	-30 to 70 °C
Operating Humidity	20 to 85 %RH (No condensation)
Shock / Vibration	Acceleration 38 G shock / 20 Hz to 200 Hz to 20 Hz vibration

Software, Power & Warranty

Required Software	Clemex software versions up to 10.x
Power Consumption	Less than 4.2 W
Power Requirement	5 V (Typ) (This conforms to the USB standard)
Warranty	One (1) year

