

Clemex ST 12 MP Color USB 3.0 Camera

CL-13-886

Sensor specification

Image Sensor	SONY IMX226
Shutter Type	Global Shutter
Optical Format	1/1.7"
Pixel Size	1.85 x 1.85 μm
Resolution	12 MP

Camera Specifications

Frame Rate	31.2 fps
Bit Depth	12 bits
Exposure Control	Edge preset trigger / Pulse width trigger / Start stop trigger / Free-run
Exposure Time	43.64 $\mu\text{seconds}$ to 16.777 seconds
Gain Range Analog	0 to 22.2 dB
Gain Range Digital	x1 to x2
White Balance	Auto exposure / Auto gain

Mechanical Specifications

Data Interface	HR10A-7R-6PB (Hirose) or equivalent x 1
Lens Mount	C Mount
Dimensions	35 (W) x 35 (H) x 41.5 (D) mm
Mass	Approximately 77 g
Operating Temperature	0 to 72 °C
Storage Temperature	-20 to 80 °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 3.9 W
Power Requirement	USB bus power (+5V) External power (+8.0 to 24 Vdc)
Warranty	One (1) year

