

## Clemex ST 2.35 MP Monochrome USB 3.0 Camera CL-13-874

### Sensor specification

Image Sensor	Sony : IMX249 Monochrome
Shutter Type	Global Shutter
Optical Format	1/1.2"
Pixel Size	5.86 x 5.86 $\mu\text{m}$
Resolution	1920 x 1200 pixels

### Camera Specifications

Frame Rate	40 fps at full resolution
Bit Depth	8bit
Exposure Control	Software Control
Exposure Time	33 $\mu\text{sec}$ -81 sec
Gain Range Analog	0 to 24 dB
Gain Range Digital	0 to 6 dB
White Balance	Manual and Auto control

### Mechanical Specifications

Data Interface	USB 3.0, Super Speed Micro B
Lens Mount	C-Mount
Dimensions	28 x 28 x 40 mm (excluding connectors)
Mass	50 g
Operating Temperature	0 to 50 °C
Storage Temperature	-30 to 70 °C
Operating Humidity	5 to 95 %, non-condensing
Shock / Vibration	50 G shock / 5 G (2 to 200 Hz) vibration

### Software, Power & Warranty

Required Software	Clemex software versions up to 10.x
Power Consumption	Less than 3 W
Power Requirement	5 V (Typ) (This conforms to the USB standard)
Warranty	One (1) year

