

## Clemex ST 2.35 MP Colour USB 3.0 Camera CL-13-875

### Sensor specification

|                |                           |
|----------------|---------------------------|
| Image Sensor   | Sony : IMX249 Colour      |
| 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          | 8 bit                       |
| 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 200Hz) 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                                  |

