Clemex ST 2.0 MP Color Camera

Sensor specification

Image Sensor: CMOSIS CMV2000
Optical Format: 2/3"
Pixel Size: 5.5 x 5.5 μm
Resolution: 2048 x 1088 pixels

Camera Specifications

Frame Rate: 170 fps
Bit Depth: 8bit
Exposure Control: Software Control
Exposure Range: 1ms to 4s
Gain Control: Manual and Auto control
Gain Range: 0 to 15 dB
White Balance: Manual and Auto control

Mechanical Specifications

Data Interface: USB 3.0, micro locking connector
Lens Mount: C-Mount
Dimensions: 28 x 28 x 37 mm
Mass: 45 g
Operating Temperature: 0 to 50 °C
Storage Temperature: -30 to 65 °C
Operating Humidity: 5 to 95 %, non-condensing
Shock / Vibration: 70 G shock / 10G (2 to 200 Hz) vibration

Software, Power & Warranty

Operating Systems: Windows 7, Windows 8, Windows 10 / 64-bit operating systems
Required Software: Clemex software version 8.0
Power Consumption: < 450 mA
Power Requirement: mini-B USB connector IO signal: 6pin connector
Warranty: One (1) year