SENTECH

# HD 1080p
# Direct-connect monitor

NEW

## HD 1080p Camera

# STC-HD203DV 【DVI】
# STC-HD203SDI 【SDI】

The STC-HD203 series features HD 1080p resolution and direct-connect to monitor capabilities.
Due to its ability to connect directly to a monitor, the series can be integrated inexpensively to a system.
The STC-HD203 Series has an optional remote control, which allows the user to create shadow mask and line markers directly on the screen.
The series is available in both DVI and SDI connections, allowing high customizability.

## Features

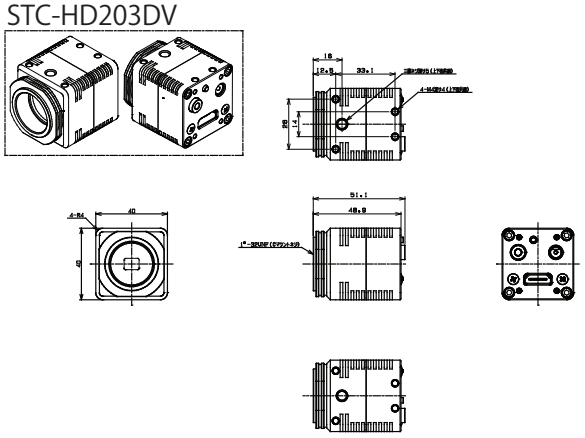
- 1920(H) x 1080(V)
- 2.8 μm x 2.8 μm
- 60 FPS
- 1/2.8" Sensor
- C Mount
- 1080p
- HDMI(DVI) / BNC(SDI) Connector
- High Sensitivity •High Quality

## Specifications

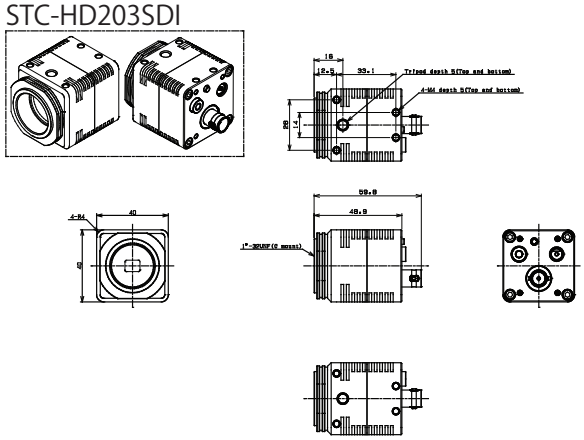
| | |
|---|---|
| Model Numbers | : STC-HD203DV(DVI)<br>STC-HD203SDI(SDI) |
| Effective Pixels | : 1920(H) x 1080(V) |
| Chip Size | : 8.5(H) x 7.3(V) mm |
| Pixel Cell Size | : 2.8(H) x 2.8 (V) µm |
| Scanning Method | : Progressive |
| Min. Scene Illumination | : TBD Lux |
| Frame Rate | : ・DVI<br>1080P60 / 59.94 / 50 / 30 / 29.97 / 25<br>720P60 / 59.94 / 50<br>・SDI<br>3G-SDI：1080P60 / 59.94 / 50<br>HD-SDI：1080P30 / 29.97 / 25　720P60 / 59.94 / 50 |
| ALC | : Electronic Shutter / AGC Linked |
| Electronic Shutter | : ～ 1/10,000 s |
| Gain | : TBD |
| Gamma | : 1.0 / 0.45 / Manual |
| White Balance | : Auto / Manual / Push to Set |
| Mirror Image | : Normal / Horizontal Flip / Vertical Flip<br>Vertical & Horizontal Flip |
| Freeze Image | : Live Video / Image Freeze |
| Line Marker | : Horizontal / Vertical Line Marker |
| Shadow Mask | : Horizontal / Vertical Shadow Mask |
| OSD | : OSD can be displayed through serial communication port |
| Pixel Defect Correction | : Max. 1024 Pixels |
| Video Output | : HDMI Connector(DVI)<br>BNC Connector(SDI) |
| Power Input | : 12V Power Jack |
| Consumption | : TBD |
| External Control | : 3.5Φ stereo jack with SW board |
| Input Voltage | : +9 ～ +15Vdc (Typical：+12Vdc) |
| Dimensions | : 40(W) x 40(H) x 48.9(D) mm (excluding connector) |
| Optical Filter | : IR cut filter, with Optical low pass filter |
| Lens Mount | : C Mount |
| Compliance | : RoHS Compliant |

## Dimensions

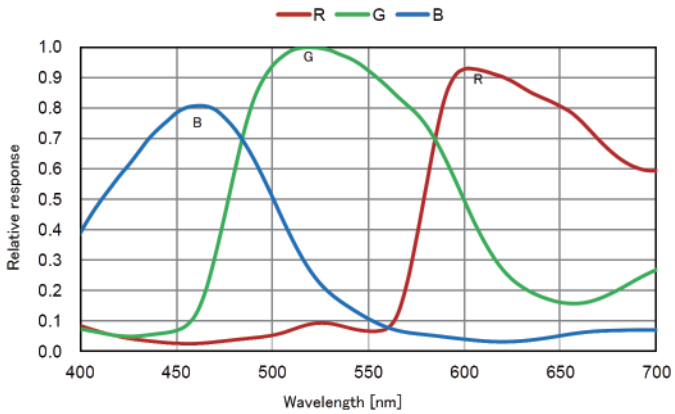
STC-HD203DV



STC-HD203SDI



## Spectral Sensitivity




※Specifications and subject to change without notice.

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