

# High Sensitivity Direct-Connect to Monitor

**NEW**

720p High Definition Camera

## STC-HD93DV

The STC-HD93DV is a 720p HD camera that can be connected directly to a monitor with an HDMI connector. This series features an extremely high sensitivity, a true 16:9 aspect ratio, and 60 FPS. Due to its ability to connect directly to a monitor, the STC-HD93DV can be integrated inexpensively to a system. The STC-HD93DV has an optional remote control, which allows the user to create shadow mask and line markers directly on the screen.



### Product Features

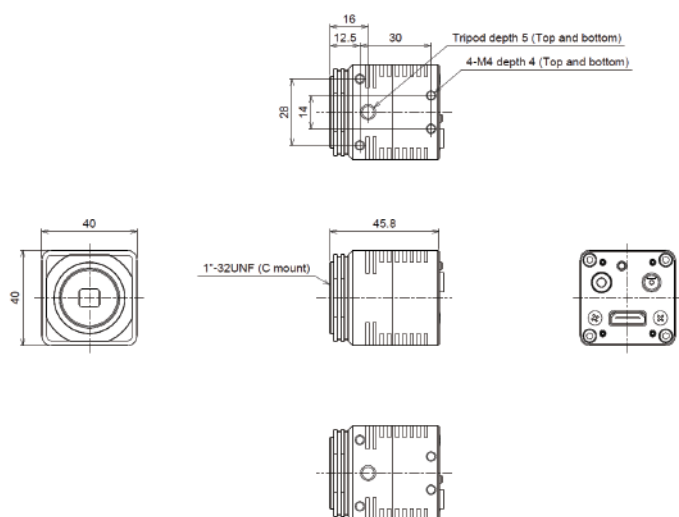
- 1280(H) x 720(V)
- 4.08  $\mu\text{m}$  x 4.08  $\mu\text{m}$
- 60 FPS
- 1/3" Sensor
- C Mount / CS Mount
- 40 x 40 x 45.8 mm (excluding connector)
- HDMI Connector
- High Sensitivity

## Specifications

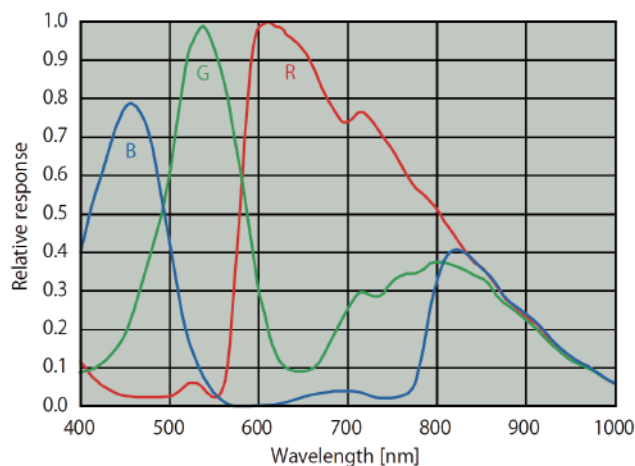
|                    |  |
|--------------------|--|
| Model Number       | : STC-HD93DV(C Mount Cased Type)<br>STC-HD93DV-B(C Mount Board Type)<br>STC-HD93DV-CS(CS Mount Cased Type)<br>STC-HD93DV-BCS(CS Mount Board Type)<br>STC-HD93DV-BHS(C Mount Cased Type w/ Heat Sync) |
| Effective Pixels   | : 1280(H) x 720(V)   |
| Cell Size          | : 4.08(H) x 4.08 (V) $\mu\text{m}$   |
| Scanning Method    | : Progressive  |
| Frame Rate         | : 59.94Hz / 60Hz / 50Hz / 29.97Hz / 30Hz / 25Hz  |
| Minimumum          | : 5 lx at F1.2   |
| Scene Illumination |  |
| DSP Profile        | : User can store up to 28 DSP profiles   |
| ALC                | : Electronic Shutter / AGC Linked  |
| Electronic Shutter | : $\sim 1/100,000\text{s}$ (60Hz/59.94Hz)<br>$\sim 1/83,947\text{s}$ (50Hz)  |
| Gain               | : AGC / Fixed Gain(0 $\sim$ 18.3dB)  |
| Digital Gain       | : $\sim 5.9866\text{dB}$   |
| Gamma              | : 1.0 / 0.9 / 0.8 / 0.7 / 0.6 / 0.5 / 0.45 / 0.3 / Manual  |
| White Balance      | : Auto / Manual / Push to Set  |
| Mirror Flip        | : Normal / Horizontal Flip   |
| Line Marker        | : Horizontal / Vertical Line Marker  |
| Shadow Mask        | : Horizontal / Vertical Shadow Mask  |

|                   |  |
|-------------------|--|
| OSD               | : OSD can be displayed through serial communication port |
| Pixel Defect      | : Max. 64 pixels   |
| Correction        |  |
| Video Output      | : HDMI Connector   |
| Power Input       | : 12V Power Jack   |
| External Control  | : 3.5 $\Phi$ stereo jack with SW board                   |
| Input Voltage     | : +9 $\sim$ +15Vdc (Typical : +12Vdc)                    |
| Power Consumption | : 2.8 W or less  |
| Dimensions        | : 40(W) x 40(H) x 45.8(D) mm (excluding connectors)      |
| Optical Filter    | : IR cut filter, Optical low pass filter                 |
| Lens Mount        | : C Mount / CS Mount                                     |
| Weight            | : Approx. 120g (Cased) / Approx. 50g (Board)             |
| Compliance        | : RoHS Compliant   |

## Dimensions



## Spectral Sensitivity



\*The STC-HD93 is also available in a HD-SDI connector version. Please contact your salesman for further details.

※Specifications are subject to change without notice.