

# Omron Sentech HD High-Definition Camera

DVI Output Color Camera

## Features

- Connectable to the monitor directly using HDMI connector. An optional remote control unit is available to display crosshair, shadow mask, and adjust on the fly settings.



## Product Line-Up

Model	Color	STC-HD203DV	STC-HD203DV-CS
Resolution		High-Definition 1080P	High-Definition 1080P
Frame Rate		60fps	60fps
Effective Pixels		1920 × 1080	1920 × 1080
Sensor Size		1/2.8	1/2.8
Cell Size (HxV, μm)		2.8 × 2.8	2.8 × 2.8
Sensor Type		CMOS	CMOS
Sensor		IMX136	IMX136
Lens Mount		C	CS
General Specifications		Case	Case

## Accessories

AC Adapter		
Model	Applicable Model	General Specification
UN310-1210	All DVI/SDI models	DC jack type, Input: 100-240 Vac, Output: 12V1A

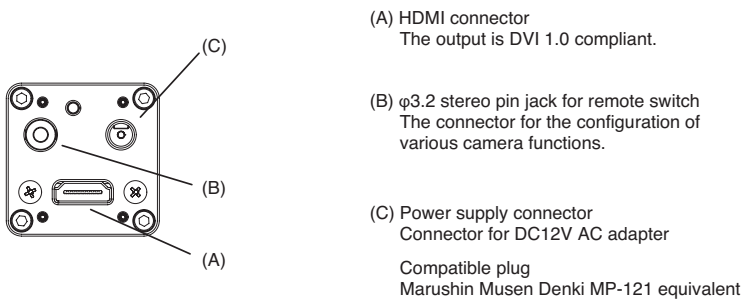
CS-to-C-Mount Conversion Adapter		
Model	Applicable Model	General Specification
CS-C-R	CS Mount Camera	

Remote Control Unit		
Model	Applicable Model	General Specification
RC-HD133	All DVI/SDI Camera	φ3.5 stereo pin jack

# Omron Sentech HD High-Definition Camera

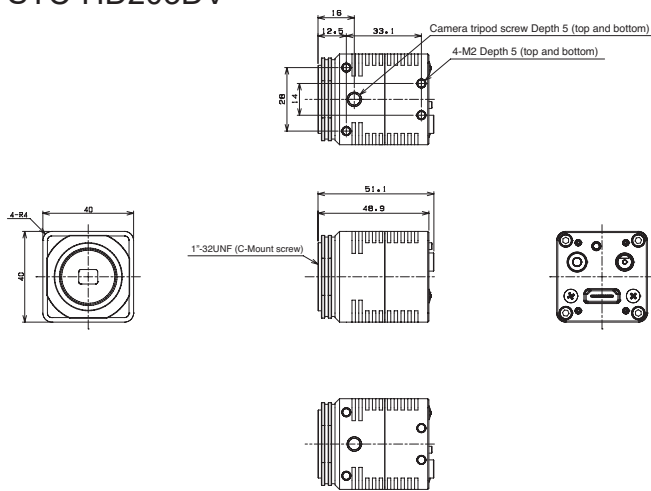
## External Connector Specification

External Link Connectors	HDMI connector: DVI 1.0 compliant, power supply: MP-121C (Marushin Musen Denki) equivalent, communications: $\phi$ 3.5 stereo pin jack
--------------------------	--

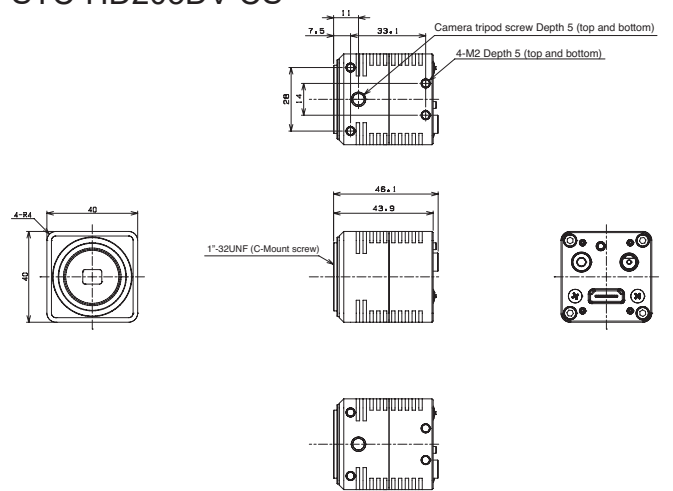


## External View

STC-HD203DV



STC-HD203DV-CS



**OMRON AUTOMATION AMERICAS HEADQUARTERS** • Chicago, IL USA • 847.843.7900 • 800.556.6766 • automation.omron.com

**OMRON CANADA, INC. • HEAD OFFICE**

Toronto, ON, Canada • 416.286.6465 • 866.986.6766 • automation.omron.com

**OMRON ELECTRONICS DE MEXICO • HEAD OFFICE**

Ciudad de México • 52.55.5901.4300 • 01.800.386.6766 • mela@omron.com

**OMRON ELECTRONICS DE MEXICO • SALES OFFICE**

San Pedro Garza García, N.L. • 81.12.53.7392 • 01.800.386.6766 • mela@omron.com

**OMRON ELECTRONICS DE MEXICO • SALES OFFICE**

Eugenio Garza Sada, León, Gto • 01.800.386.6766 • mela@omron.com

**OMRON ELETRÔNICA DO BRASIL LTDA • HEAD OFFICE**

São Paulo, SP, Brasil • 55.11.2101.6300 • www.omron.com.br

**OMRON ARGENTINA • SALES OFFICE**

Buenos Aires, Argentina • +54.11.4521.8630 • +54.11.4523.8483  
mela@omron.com

**OTHER OMRON LATIN AMERICA SALES**

+54.11.4521.8630 • +54.11.4523.8483 • mela@omron.com

*Authorized Distributor:*

**Controllers & I/O**

- Machine Automation Controllers (MAC) • Motion Controllers
- Programmable Logic Controllers (PLC) • Temperature Controllers • Remote I/O

**Robotics**

- Industrial Robots • Mobile Robots

**Operator Interfaces**

- Human Machine Interface (HMI)

**Motion & Drives**

- Machine Automation Controllers (MAC) • Motion Controllers • Servo Systems
- Frequency Inverters

**Vision, Measurement & Identification**

- Vision Sensors & Systems • Measurement Sensors • Auto Identification Systems

**Sensing**

- Photoelectric Sensors • Fiber-Optic Sensors • Proximity Sensors
- Rotary Encoders • Ultrasonic Sensors

**Safety**

- Safety Light Curtains • Safety Laser Scanners • Programmable Safety Systems
- Safety Mats and Edges • Safety Door Switches • Emergency Stop Devices
- Safety Switches & Operator Controls • Safety Monitoring/Force-guided Relays

**Control Components**

- Power Supplies • Timers • Counters • Programmable Relays
- Digital Panel Meters • Monitoring Products

**Switches & Relays**

- Limit Switches • Pushbutton Switches • Electromechanical Relays
- Solid State Relays

**Software**

- Programming & Configuration • Runtime