

# OMRON

## solution GUIDE

### Manual Viewing for Microscopy & Other Medical Devices

Viewing inside of the device  
where it is difficult to  
with the human eye.



#### Key Features

- True Plug & Play
  - Direct connect to monitors through either HDMI or BNC
- Brilliant HD Image
  - True 1080p HD Resolution
  - 60 FPS
- Multiple Configurations
  - Available in Cased or Board models
  - HDMI-DVI or 3G-SDI output
  - CS or C-Mount Lens options

#### Challenges:

- View inside of machines and devices can be difficult due to size constraints or limitation because of the device design
- Traditional vision systems can be difficult to setup for simple live streaming setups and manual viewing
- Lab Technicians spend a significant portion of their time hovering over scopes and devices which can cause extra stress

#### Why the HD Series?

- Provide human operators clear live streaming video on monitors outside of the scope or medical device
- Transmit live data from scopes such as microscopes or endoscopes in order to view images in an easier to digest format with a simple plug & play functionality
- Reduce the stress and physical exertion of Lab Techs by utilizing a high quality live streaming industrial camera

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Model	Mono/Color	Resolution	Frame Rate	Effective Pixels (HxV)	Sensor Size	Cell Size (µm)	Sensor	Lens Mount	General Specs.
STC-HD213DV	Color	1080P/1080I	60FPS	1920x1080	1/2.9	2.9x2.9	IMX291	C	With Memory
STC-HD213DV-CS								CS	
STC-HD213DVN	Color	1080P/1080I	60FPS	1920x1080	1/2.9	2.9x2.9	—	C	No Memory
STC-HD213DVN-B								C	
STC-HD213DVN-CS								CS	