

# HD-Pro HDMI camera

## VC.3038 / VC.3038-HDS

### HIGHLIGHTS

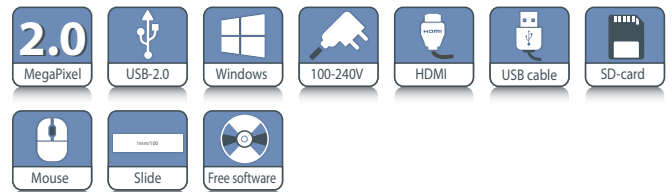
- HD 1080p high definition video camera
- Real time images directly on screen
- Stand alone or used via PC or simultaneous use
- Built-in mouse-driven software
- C-mount interface
- HDMI, USB-2 and SD memory card
- Compatible with ImageFocus Alpha software
- HDMI 2.0 MP CMOS high sensitive sensor
- Available with 11.6" HD screen (VC.3038-HDS)



### TECHNICAL SPECIFICATIONS

<b>Sensor</b>	SONY IMX290 CMOS
<b>Format</b>	1/2.8", HDTV 1080p (50/60Hz)
<b>Pixels</b>	1920 x 1080 pixels (capture mode) 1920 x 1080 pixels (live view), HDMI 60 fps, USB 26 fps
<b>Pixel size</b>	2.9 x 2.9 µm
<b>Video</b>	1080p pixels video recording mode
<b>HD screen (VC.3031-HDS)</b>	11.6"
<b>Video Output</b>	Digital HDMI, USB-2
<b>Scan mode</b>	Progressive scan, rolling shutter
<b>Exposure</b>	Automatic/manual
<b>White balance</b>	Automatic/manual/ ROI
<b>Sensitivity</b>	1300mV with 1/30s
<b>Noise</b>	Standard noise reduction
<b>Color rendering</b>	24
<b>Signal/Noise (db)</b>	38
<b>Dynamic (db)</b>	66
<b>Interfaces</b>	Digital HDMI, USB-2
<b>Storage</b>	High speed 16 GB SD card included (32GB max)
<b>Camera buttons</b>	On/ Off
<b>Mounting</b>	C-mount interface
<b>Power supply</b>	DC 12V/1A Adapter
<b>Operation</b>	-10~ 50 C, 30~80% relative humidity
<b>Storage temperature</b>	-20~ 60 C, 10~60% relative humidity
<b>PC software</b>	Supplied with ImageFocus Alpha imaging and measuring software for Windows 7/ 8/ 10 (32 and 64 bit configurations)
<b>PC requirements</b>	Compatible with Intel Core 2, 2.8 GHZ or higher, 2 GB, USB-2

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### EMBEDDED SOFTWARE

*(displayed on TV, no need for computer)*

- Capture images and videos to SD
- Playback images and videos from SD
- Measurements (like Angle, Line, Horizontal Line, Vertical Line, Rectangle, Circle, Ellipse, Annulus, Two Circles, Polygon, Curve, etc)
- Compare images
- Grids
- Digital zoom in/out
- Flip
- Pause
- Camera settings (white balance, color control etc.)

**Supplied with** 0.37x objective with C-mount, 30 mm and 30.5 mm adapters for stereo microscopes, 12 V/1 A power adapter, 16 GB SD card, Micro USB Synchronous cable 1.5 M, HDMI cable, USB mouse, 76 x 24 mm calibration slide (1mm/100), CD ROM with ImageFocus Alpha software, carton box

**Productnumber** VC.3038 / VC.3038-HDS