

## HD-Ultra color camera

with HDMI and USB-2 interfaces  
 VC.3036 / VC.3036-HDS

### HIGHLIGHTS

- HD 1080p high definition color camera
- Real time images directly on TV, monitor or beamer
- Stand alone or used via PC
- Built-in mouse-driven software
- C-mount interface
- HDMI, USB-2 and SD memory card
- Compatible with ImageFocus Plus software
- Available with 11.6" HD screen (VC.3036-HDS)



### TECHNICAL SPECIFICATIONS

<b>Sensor</b>	HDMI 6.0 Mega pixels CMOS high sensitive sensor (Sony)
<b>Format</b>	1/2.8 inch, HDTV 1080p (50/60 Hz)
<b>Pixels</b>	3264 x 1836 pixels (capture mode) 1920 x 1080 pixels (live view) HDMI 60 fps, USB 30 fps
<b>Video</b>	1080p pixels video recording mode
<b>Scan mode</b>	Progressive scan
<b>Pixel size</b>	2.8 µm x 2.8 µm
<b>Noise</b>	3D Noise Reduction function
<b>Sensitivity</b>	510 mV
<b>White balance</b>	Automatic/manual
<b>Dynamic range</b>	69 db
<b>S/N max</b>	55 db
<b>Interfaces</b>	Digital HDMI, USB 2
<b>Storage</b>	Standard high speed 16 Gb SD memory card or to USB-2
<b>Camera buttons</b>	On/Off
<b>Mounting</b>	C-mount interface
<b>Power supply</b>	External main adapter 100-240 Vac to 12 Vdc/2A
<b>Operation</b>	0 – 60° C, 45-85 % humidity
<b>Storage temperature</b>	-20 to 70° Celsius

<b>Supplied with</b>	HDMI cable, USB 2 cable, 12Vdc/2A power supply, high speed 16 Gb SD card and USB-2 mouse. Supplied with 0.37x objective. Built-in mouse-driven software for image capturing, 1080p HD video recording, image comparison and browsing of captures images and videos. Standardly supplied with stage micrometer 1 mm divided in 100 parts, 10 µm per division
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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.)

<b>Compatibility</b>	Suitable with ImageFocus Plus software, Windows 7 and higher and Capture software (Mac)
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<b>Product number</b>	VC.3036 / VC.3036-HDS
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