

# UHD-4k Touch

VC.3043-HDS camera

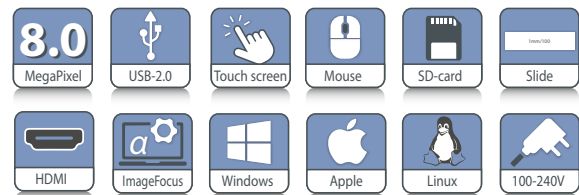
## HIGHLIGHTS

- Ultra HD /4K, 8 MP
- 13 inch high resolution touch screen
- 1/1.8 inch color 4K Sony sensor
- 3840 x 2160 pixels, 30 fps
- Real time images directly on touch screen, TV, monitor or beamer
- Stand alone or used via PC or Mac
- C-mount interface
- 4K HDMI 1.4 standard
- Supplied with ImageFocus Alpha software



## TECHNICAL SPECIFICATIONS

<b>Sensor</b>	Sony IMX334 CMOS sensor
<b>Format</b>	1/1.8" (7.68 x 4.32)
<b>Pixels</b>	3840 x 2160 pixels, HDMI 1.4 standard, 30fps@4K HDMI or 20fps@4K USB
<b>Pixel size</b>	2.0 x 2.0 µm
<b>Video recording</b>	8 MP (3840 x 2160) H264/H265 encoded MP4 file
<b>Image capture</b>	8 MP (3840 x 2160) JPEG/TIFF image
<b>HD screen</b>	13" Touch screen
<b>Scan mode</b>	Progressive scan, rolling shutter
<b>Sensitivity</b>	505 mv
<b>Color rendering (bit)</b>	32
<b>Noise</b>	standard noise reduction
<b>Signal/Noise (db)</b>	40.5
<b>Exposure</b>	Automatic/ manual
<b>White balance</b>	Manual/ Auto/ ROI White Balance
<b>Interface</b>	HDMI, USB-2
<b>Storage</b>	SD card 32 GB, included (max. 128 GB) or USB drive, not included
<b>Camera buttons</b>	On/ Off
<b>Mounting</b>	C-mount
<b>Power supply</b>	DC 12V/1A adapter
<b>Humidity</b>	30~80%RH
<b>Operation temperature</b>	-10~ 50°C
<b>Storage temperature</b>	-20~ 60°C
<b>Supplied with</b>	0.5x objective with C-mount, 30 and 30.5mm adapters for stereomicroscopes, 12V/1A power adapter, HDMI cable, USB mouse , 32 GB SD card, USB-2 cable (a male to male), 76 x 24 mm calibration slide (1mm/100), user manual, carton box
<b>PC software</b>	Works with ImageFocus Alpha imaging and measuring software for Windows 7/ 8/ 10 (32 and 64 bit configurations) and Linux. A Mac OS version is also supplied (with a few differences in features)



The software is downloadable from website, free of charge

<b>PC requirements</b>	Equal to Intel Core 2, 2.8 GHZ or higher, 4 GB memory, USB-2
<b>Product number</b>	VC.3043-HDS

### EMBEDDED TOUCH CONTROLLED SOFTWARE

(displayed on touch screen, no need for a 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
- Freeze
- Camera settings (white balance, color control etc)

**Suitable for all Euromex microscopes and most Zeiss, Leica, Olympus and Nikon models. See our adapters on our website**

