

# VWR VISICAM USB3.0 CAMERAS FOR EVERYDAY MICROSCOPY



## FAST AND CONVENIENT

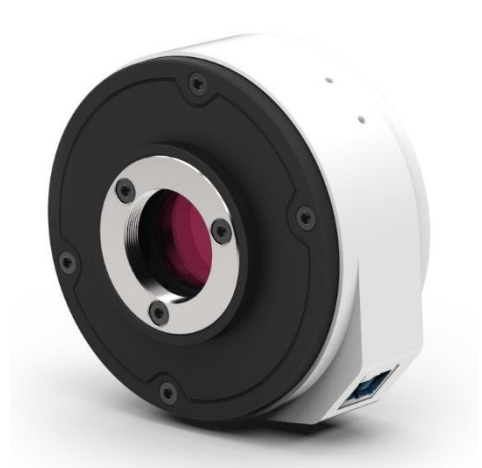
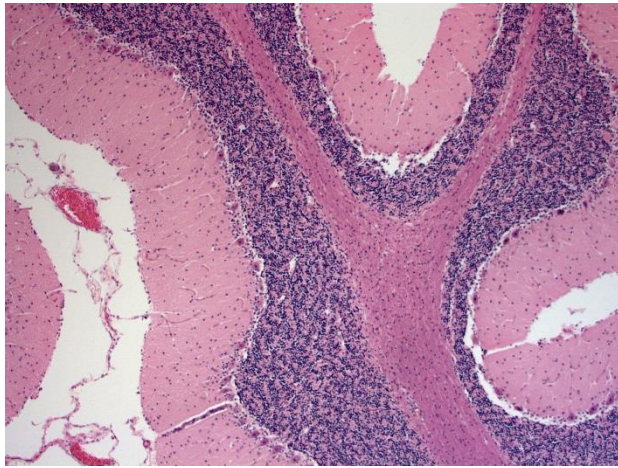
Thanks to new image-processing algorithms and a the image processing chip, VisiCam plus cameras can handle images with lowest latency to get the fastest response. In addition to this the USB3.0 high-speed interface delivers images 10 times faster than traditional USB2.0. With the built-in automatic white balance and autoexposure, the user gets immediately clear images. The cameras support driver-free so it's just plug the camera into your computer.

VisiCam 3.0 plus	DRIVERS – FREE, plug and work
Sensor	Color CMOS sensor
Sensor size	1/2.7"
Image processor	Built-in image processor
Pixel size	3.0 um x 3.0 um
Preview resolution	1920 x 1080 or 2304 x 1296
Capture resolution	1920 x 1080 or 2304 x 1296
Frame rate	30fps (@2MP, 1920x 1080)
Scan mode	Progressive
Shutter	Rolling shutter
Color dept	24 bit
Exposure control	Manual / Auto
Exposure time	1ms – 33ms
White balance	Manual / Auto
Operating temperature	0-60°C
Operating humidty	45%-85%
Optical port	Standard C-mount
Data interface	USB3.0 - 5Gb/sec (compatible with USB2.0)
Software compatibility	Windows XP/7/8/10



### In the package:

VisiCam plus camera, USB3.0 cable (retrocompatible with USB2.0 ports), Eyepiece adapter (Ø 23mm port), rings (for Ø 30 and Ø 30,5mm ports), micrometric slide (for measurements calibration), CD-ROM with Software, User manual

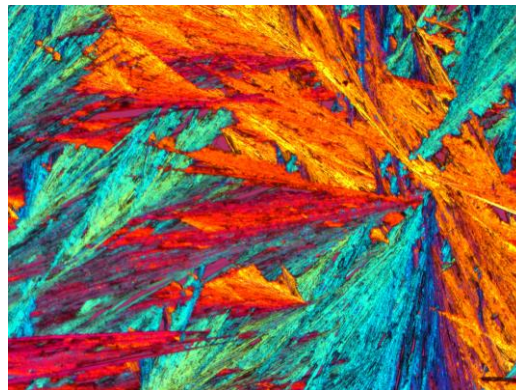


VisiCam 5.0 plus	DRIVERS – FREE, plug and work
Sensor	Color CMOS sensor
Sensor size	1/2.5"
Image processor	Built-in ISP image processor
Pixel size	2.2 um x 2.2 um
Preview resolution	2584 x 1936, 2040 x 1528, 1592 x 1192, 1016x760
Capture resolution	2584 x 1936, 2040 x 1528, 1592 x 1192, 1016x760
Frame rate	35fps (@0,8MP, 1016 x 760) 30fps (@2MP, 1592 x 1192) 23fps (@3MP, 2040 x 1528) 14fps (@5MP, 2584 x 1936)
Dynamic range	66.5dB
Noise reduction	Real-time 3D noise reduction
Scan mode	Progressive
Shutter	Rolling shutter
Color depht	24 bit
Exposure control	Manual / Auto
Exposure time	1ms – 995ms
White balance	Manual / Auto
Operating temperature	0-60°C
Operating humidty	45%-85%
Optical port	Standard C-mount
Data interface	USB3.0 - 5Gb/sec (compatible with USB2.0)
Software compatibility	Windows XP/7/8/10



#### **In the package:**

VisiCam plus camera, USB3.0 cable (retrocompatible with USB2.0 ports), Eyepiece adapter (Ø 23mm port), rings (for Ø 30 and Ø 30,5mm ports), micrometric slide (for measurements calibration), CD-ROM with Software, User manual



VisiCam 16.0 plus	High Resolution at high speed
Sensor	Color CMOS sensor
Sensor size	1/2.33"
Image processor	Built-in ISP image processor
Pixel size	1.335 um x 1.335um
Preview resolution	2304x1728, 4608x3456
Capture resolution	4608x3456
Frame rate	25fps (@4MP, 2304 x 1728) 5fps (@16MP, 4608 x 3456)
Dynamic range	>59.5dB (Gain 1X)
Noise reduction	Real-time 3D noise reduction
Scan mode	Progressive
Shutter	Rolling shutter
Color depth	24 bit
Exposure control	Manual / Auto
Exposure time	1ms –1s
White balance	Manual / Auto
Operating temperature	0-60°C
Operating humidity	45%-85%
Optical port	Standard C-mount
Data interface	USB3.0 - 5Gb/sec (compatible with USB2.0)
Software compatibility	Windows XP/7/8/10



#### **In the package:**

VisiCam plus camera, USB3.0 cable (retrocompatible with USB2.0 ports), Eyepiece adapter (Ø 23mm port), rings (for Ø 30 and Ø 30,5mm ports), micrometric slide (for measurements calibration), CD-ROM with Drivers and Software, User manual