

HD-Pro HDMI camera

VC.3038 / VC.3038-HDS

HIGHLIGHTS

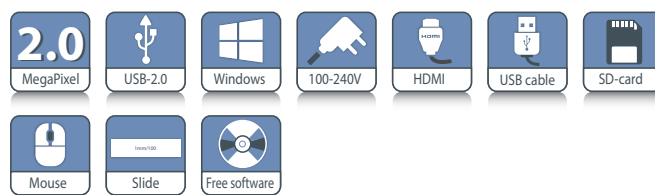
- HD 1080p high definition video camera
- Real time images directly on screen
- Stand alone or used via PC or simultaneous use
- Built-in mouse-driven software
- C-mount interface
- HDMI, USB-2 and SD memory card
- Compatible with ImageFocus Alpha software
- HDMI 2.0 MP CMOS high sensitive sensor
- Available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



TECHNICAL SPECIFICATIONS

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