

## HD-Lite color camera

with HDMI and USB-2 interfaces  
 VC.3031

### HIGHLIGHTS

- HD 1080p high definition color cameras
- 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 4 software



### TECHNICAL SPECIFICATIONS

|                            |  |
|----------------------------|--|
| <b>Sensor</b>              | HDMI 5.0 Mega pixels CMOS high sensitive sensor (Aptina)   |
| <b>Format</b>              | 1/2.5 inch, HDTV 1080p (50/60 Hz)  |
| <b>Pixels</b>              | 2592 x 1944 pixels (capture mode)<br>1920 x 1080 pixels (live view)<br>HDMI 15 fps<br>USB 15 fps |
| <b>Video</b>               | 1080p pixels video recording mode  |
| <b>Scan mode</b>           | Progressive scan   |
| <b>Pixel size</b>          | 2.2 µm x 2.2 µm  |
| <b>Noise</b>               | 3D Noise Reduction function  |
| <b>Sensitivity</b>         | 1V   |
| <b>White balance</b>       | Automatic/manual   |
| <b>Dynamic range</b>       | 60 db  |
| <b>S/N max</b>             | 40.5 db  |
| <b>Interfaces</b>          | Digital HDMI, USB 2  |
| <b>Storage</b>             | Standard high speed 4 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   |



#### ON SCREEN CONTROLS (NO NEED FOR COMPUTER)

- Capture images and videos to SD
- Playback images and videos from SD
- Compare images
- Grids
- Digital zoom in/out
- Flip
- Pause
- Camera settings (white balance, color control etc)

**Compatibility** Suitable with ImageFocus 4 software, Windows 7 and higher

**Supplied with** HDMI cable, USB 2 cable, 12Vdc/2A power supply, high speed 4 Gb SD card and USB-2 mouse. Supplied with 0,45x objective. Built-in mouse-driven software for image capturing, 1080p HD video recording, image comparison and browsing of captures images and videos. Standard supplied with stage micrometer 1 mm divided in 100 parts, 10 µm per division

**Product number** VC.3031