

# HD-Autofocus camera

with HDMI interfaces  
VC.3034



## HIGHLIGHTS

- HD 1080p high definition video camera
- Autofocus system
- Real time images directly on TV, monitor or beamer(HDMI)
- Stand alone system
- Built-in mouse-driven software
- C-mount interface
- Save images and video on SD memory card

## TECHNICAL SPECIFICATIONS

<b>Sensor</b>	SONY IMX185 2.0Mega Pixels CMOS high sensitive sensor
<b>Format</b>	1/1.9", HDTV 1080p (50/60Hz)
<b>Pixels</b>	1920 x 1080 pixels (capture mode) 1920 x 1080 pixels (live view), HDMI 60 fps
<b>Pixel size</b>	3.75 x 3.75 um
<b>Video</b>	1080p pixels video recording mode
<b>Scan mode</b>	Progressive scan, rolling shutter
<b>Noise</b>	De-noise function supported
<b>Sensitivity</b>	1120mv with 1/30s
<b>Exposure</b>	Automatic/ manual
<b>White balance</b>	Automatic/ manual
<b>Dynamic range</b>	N/A
<b>S/N Max</b>	N/A
<b>Interfaces</b>	Digital HDMI
<b>Storage</b>	High speed 16 GB SD Memory card (larger capacity SD cards are optional)
<b>Camera buttons</b>	On/ Off
<b>Mounting</b>	C-mount interface
<b>Power supply</b>	DC 12V/1A Adapter
<b>Operation</b>	-10~ 50 ° Celsius, 30~80 % humidity
<b>Storage temperature</b>	-20~ 60 70° Celsius, 10~60%RH
<b>Measurement</b>	Supported



## EMBEDDED SOFTWARE

(displayed on TV, no need for computer)

- Capture images and videos to SD
- Playback images 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

0.5x objective with C-mount, High speed 16 GB SD Memory card, USB 3 cable, 30 and 30.5mm adapters for stereo microscopes, 12V/1A power adapter, HDMI cable, USB mouse, 76x24mm calibration slide (1mm/100), carton box

**Product number** VC.3034

