

HD-Autofocus camera

with HDMI interfaces

VC.3034 / VC.3034-HDS

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
- Available with 11.6" HD screen (VC.3034-HDS)

TECHNICAL SPECIFICATIONS

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



● VC.3034 / VC.3034-HDS



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

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● Package content

