HD-Ultra color camera
with HDMI and USB-2 interfaces
VC.3036 / VC.3036-HDS

HIGHLIGHTS

- HD 1080p high definition color camera
- 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 Plus software
- Available with 11.6” HD screen (VC.3036-HDS)

TECHNICAL SPECIFICATIONS

Sensor
HDMI 6.0 Mega pixels CMOS
high sensitive sensor (Sony)

Format
1/2.8 inch, HDTV 1080p (50/60 Hz)

Pixels
3264 x 1836 pixels (capture mode)
1920 x 1080 pixels (live view)

Video
HDMI 60 fps, USB 30 fps

Scan mode
Progressive scan

Pixel size
2.8 μm x 2.8 μm

Noise
3D Noise Reduction function

Sensitivity
510 mV

White balance
Automatic/manual

Dynamic range
69 db

S/N max
55 db

Interfaces
Digital HDMI, USB 2

Storage
Standard high speed 16 Gb SD memory card or to USB-2

Camera buttons
On/Off

Mounting
C-mount interface

Power supply
External main adapter 100-240 Vac to 12 Vdc/2A

Operation
0 – 60° C, 45-85 % humidity

Storage temperature
-20 to 70° Celsius

Supplied with
HDMI cable, USB 2 cable, 12Vdc/2A power supply, high speed 16 Gb SD card and USB-2 mouse. Supplied with 0.37x objective. Built-in mouse-driven software for image capturing, 1080p HD video recording, image comparison and browsing of captures images and videos. Standardly supplied with stage micrometer 1 mm divided in 100 parts, 10 μm per division

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.)

Compatibility
Suitable with ImageFocus Plus software, Windows 7 and higher and Capture software (Mac)

Product number
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