

DC166

The Video “Ladibug”

Lumens[™]
Inspired Learning

The Lumens DC166 is a high-resolution multimedia document camera that delivers crystal clear SXGA resolution, (1280 x 1024 pixels) with a powerful 6x optical zoom lens.

Its large image shooting area means teachers can share a view of large pages and objects instantly.

The DC166 camera head and lamp are mounted on adjustable gooseneck arms to give users the flexibility to examine objects from any angle.



Key Features

- High-Resolution UXGA, SXGA and XGA
- 6x Optical Zoom, Manual Zoom
- One-touch video recording and playback
- Audio recording via USB to computer
- SD card - accepts up to 32 GB
- Compatible with all interactive whiteboards (IWB)
- Time-lapse photography

Specifications

DC166

IMAGING

Sensor Technology: CMOS
Output Resolution: SXGA (1280 x 1024), XGA (1024 x 768), WXGA (1280 x 800)
Frame Rate: 20 fps (normal mode), 30 fps (special mode)
Zoom Capacity: 6x optical zoom and 4x digital zoom
Capture Area: 16.5" x 11.7"

LIGHTING

Lamp Type: Cold cathode lamp provides up to 20,000 lamp life hours
Number of Lamps: One light on an independent gooseneck
Light Box: Optional

INPUT/OUTPUT

Power Supply: Built-in, 100-240 VAC, auto switching
VGA IN: Active pass through from the computer
VGA Out: VGA output to the projector
Internal Memory Capacity: Up to 120 JPEG images
External Memory Capacity: Support SDHC up to 32GB memory
SD Card: One 512MB SD card included
USB Support: USB 2.0 High Speed (up to 480 Mbps) for seamless integration with interactive whiteboards
RS232: 3.5 mm phone Jack
C-Video: RCA Jack

Drivers

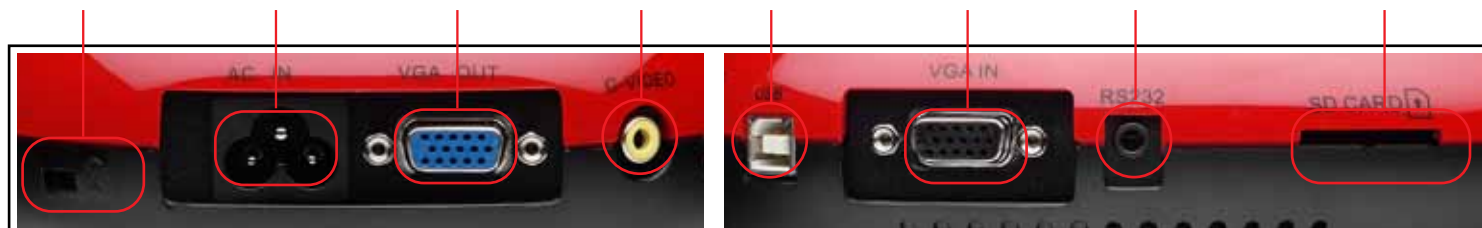
Supported Platforms: Linux, Mac OSX 10 and above, Windows XP and Vista
USB Driver: Support WIA and TWAIN, for integration with interactive whiteboards such as SmartBoard™, Promethean™, Hitachi Starboard™, etc.
Linux Driver: V4L and ALSA
Supported Linux applications: Xsane, Skype, and GStreamer

queue™ SOFTWARE FUNCTIONS

queue™ Software: Support PC Windows 2000, XP, Vista and Mac OSX 10 and above
Video Recording: Record video with options for video and audio settings, such as resolutions and compression codecs
Capture images: Capture and save images as files
Annotation: Adds annotation directly onto live images or save images
Controls and operations: Provides same sets of controls as the remote control

IO CONNECTIONS

Kensington Lock Slot AC Power Supply VGA Output to Projector C-Video Output to TV USB 2.0 for Data Exchange for PC VGA Pass Through from Computer RS232 Control SD Card Slot



OPERATION FUNCTIONS

Auto Tune: Yes, single button to adjust for best possible images
Auto Exposure: Yes
Auto White Balance: Yes
Auto Focus: Yes
Photo/Text Mode: Choose photo/grayscale/text mode
Image Mode: Choose normal/35mm slide/microscope/negative film
Video Recording: One touch, standalone video recording to an SD card
Image Capture: Single or continuous capturing images (time lapse photography) to built-in memory, to an SD card, or to the computer via USB
Picture by Picture: Split screen to display captured and live images
Freeze: Yes
Slide Show: FastSlide™ Technology to automatically or manually playback saved images
Slide Show Transition Effect: Five slide show transition effects: shutter/right/down/slide/open
Image Rotation: Full screen image rotation from 90, 180 to 270 degrees
Pan / Book Mode: Automatically zoom from full page to top-half or bottom-half of the page
Noise Reduction: Dynamic Noise Reduction™ technology to remove DLP projector image noise
Night Vision/Low Light Mode: Yes

SECURITY

Auto Erase Mode: Option to automatically erase internal memory during power down
Anti-Theft: Kensington lock slot available
Mount to Cart: Yes, screw holes provided

ACCESSORIES

Standard: Power cable, VGA cable, USB cable, C-Video cable, microscope adapters (x3), remote control, 512MB SD card
Optional: Padded carrying case, light box

OTHER

Weight: 5.0 lbs
Dimension: 18.1" x 5.5" x 15.7" (L x W x H)
Warranty: Five-year unlimited warranty including consumables
Express Replacement: Free advanced replacement program
Compliance: Lumens visual presenters are in compliance with standards of FCC-EMI, cUL, CE-EMC, CE-LVD, RoHS, and WEEE

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