

# DC166

## The Video Ladibug™

**Lumens™**  
Brighter Teaching

The Lumens™ DC166 Ladibug™ is a high-resolution multimedia document camera that delivers crystal clear SXGA resolution with a powerful 6x optical zoom lens. A 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 examine objects from any angle.

### Key Features:

- **High-Resolution UXGA, SXGA, and XGA**
- **Unsurpassed Color Reproduction**
- **6x Optical Zoom, Manual Zoom**
- **8x Digital Zoom**
- **One-Touch Video Recording and Playback**
- **Internal Memory for 120 JPEG Images**
- **SD Card Slot - Accepts up to 32 GB**
- **Compatible with All Interactive Whiteboards (IWB)**
- **Time-Lapse Photography**
- **Automatic Slide Show**
- **High-Speed USB 2.0**
- **5 Year Unlimited REPLACEMENT Warranty**
- **FREE Training!**
- **FREE Skinit Label**  
Registration required.



[www.MyLadibug.com](http://www.MyLadibug.com)

## IMAGING

**Sensor Technology:** CMOS  
**Output Resolution:** SXGA (1280 x 1024), XGA (1024 x 768), WXGA (1280 x 800)  
**Frame Rate:** VGA: 30 fps Max (normal mode); USB: 20 fps Max (special mode)  
**Zoom Capacity:** 6x optical zoom and 8x 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 one 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  
**USB Support:** USB 2.0 High Speed (up to 480 Mbps) for seamless integration with interactive whiteboards  
**RS232:** 3.5mm  
**C-Video:** NTSC/PAL

## SOFTWARE

**Ladibug™ Software (included):** Support PC Windows 7, XP, Vista and Mac OSX (free download from Lumens™ website)  
**Video Recording with Audio:** Record video with various compression codecs  
**Image Capture:** Single or continuous capture of JPEG images  
**Annotation:** Add annotations directly to live image  
**Controls and Operations:** Same set of controls as the remote control

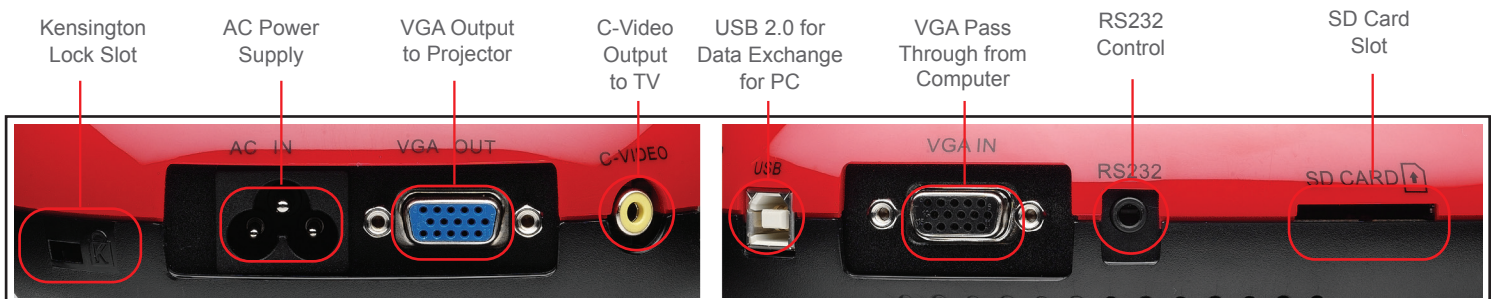
## DRIVER

**Supported Platforms:** Mac OSX, Windows XP and Vista  
**USB Driver:** Support WIA and TWAIN, for integration with interactive whiteboards such as Promethean™, SMART™, Hitachi Starboard™, etc.

## ACCESSORIES

**Standard:** Power cable, VGA cable, USB cable, C-Video cable, microscope adapters (x3), remote control  
**Optional:** Padded carrying case, light box, USB 2.0 high speed 15 foot extension cable

## I/O CONNECTIONS



## 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  
**Image Capture:** Single or continuous capturing images (time lapse photography) to built-in memory, to SD card, or computer via USB connection  
**Video Recording:** One touch, stand-alone video recording  
**Picture by Picture (PBP):** 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°  
**Annotation:** Yes, by using Lumens software  
**Pan / Book Mode:** Automatically zoom from full page to top-half or bottom-half of the page  
**Projector Type:** For projector image optimization  
**Night Vision / Low Light Mode:** Yes

## SECURITY

**Auto Erase Mode:** Option to automatically erase internal memory during power down  
**Anti-Theft:** Kensington lock slot  
**Bolt Holes on Bottom for Mounting:** VESA standard 75 x 75 mm

## OTHER

**Weight:** 5.0 lbs (2.3 kg)  
**Dimensions:** 18.1" x 5.5" x 15.7" (459.7 x 139.7 x 398.8 mm) (L x W x H)  
**Warranty:** 5 year unlimited REPLACEMENT warranty covers all hardware including lamps  
**Express Replacement:** Free advanced replacement program available

## COMPLIANCE

**Lumens™ Ladibug™ complies with these important standards:** FCC-EMI, cUL, CE-EMC, CE-LVD, RoHS, and WEEE