

DC190

Lumens™
Brighter Teaching

The Lumens™ DC190 Ladibug™ is a high-resolution multimedia document camera that delivers crystal clear SXGA resolution with a powerful 5.5x optical zoom lens. One-touch audio/video recording and playback that does not require a computer. A large image shooting area means teachers can share a view of large pages and objects instantly. The DC190 camera head and lamp are mounted on adjustable gooseneck arms that allow you to examine objects from any angle.

Key Features:

- **High-Resolution XGA, SXGA, and WXGA**
- **One-Touch Video/Audio Recording and Playback**
- **Built in Microphone**
- **5.5x Optical Zoom, Manual Zoom**
- **8x Digital Zoom**
- **Annotation without a computer!**
- **Supports Wireless mouse devices**
- **Internal Memory for 120 JPEG Images**
- **USB Drives supports up to 64 GB**
- **Compatible with ALL Interactive Whiteboards (IWB)**
- **Time-Lapse Photography**
- **Automatic and Manual Slide Show**



www.MyLumens.com
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IMAGING

Full screen Video/audio recording and playback
Output Resolution : XGA (1024 x 768), SXGA (1280 x 1024), WXGA (1280 x 800)
Frame Rate : VGA - 30 fps Max; USB - 20 fps Max.
Zoom Capacity : 5.5x optical zoom and 8x digital zoom
Capture Area : 457.2 x 317.5 mm (18" x 12.5")

LIGHTING

Lamp Type : 2 lamps for completely even light coverage
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
Audio In : Built-in microphone
Audio Out : 3.5mm phone jack for earphones or speakers
Internal Memory Capacity : Up to 120 JPEG images
External Memory Capacity : Support USB Drive
USB Support : USB 2.0 High Speed (up to 480 Mbps) for seamless integration with interactive whiteboards
RS-232 : Yes
C-Video : RCA Jack (PAL, NTSC)

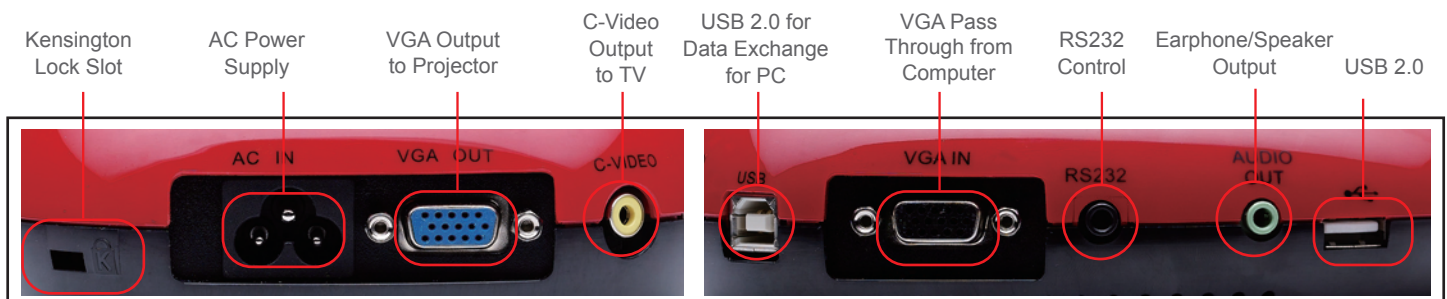
SOFTWARE

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 format.
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
USB Driver : Support UVC, WIA and TWAIN for integration with interactive whiteboards including Promethean™, SMART™, Hitachi Starboard™, Mimio™, and others.

ACCESSORIES

Standard : Power cable, VGA cable, USB cable, Microscope adapter (x 3), Audio Cable, Remote Control
Optional : Padded carrying case, light box, USB 2.0 high speed 5m (15 foot) extension cable, 8m (25 foot) Power cable, RS232 Adapter

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 capturing of images to built-in memory, or to a computer via USB
Video Recording : One-touch, Video recording and playback with audio from built-in microphone
Picture In Picture (PIP) : Yes
Freeze : Yes
Slide Show : FastSlide™ Technology to automatically or manually playback saved images
Image Rotation : Full screen image rotation from 90,180 to 270 degrees
Annotation : Yes, Annotation with or without a computer
Spotlight : Yes
Low Light Mode : Yes
Pan Across the Screen : Enlarged any part of the image and pan it by using the arrow keys.
Mask : Yes
Projector Type : Yes, supports both LCD and DLP projectors
Volume control : Yes, via remote or OSD

SECURITY

Lock-Down Mode : Lock the unit with password entry
Auto Erase Mode : Option to automatically erase internal memory during power down
Anti-Theft : Kensington Lock Port on document camera chassis.
Bolt Holes on Bottom for Mounting : VESA standard 75 x 75 mm (2.95" x 2.95")

OTHER

Weight : 2.3kg (5.0 lbs)
Dimensions Operating : 279 x 152.4 x 279 mm (11" x 6" x 11")(L x W x H)
Dimensions Folded : 177.8 x 152.4 x 279 mm (7" x 6" x 11")(L x W x H)
Warranty : 5 year warranty

COMPLIANCE

Lumens™ comply with these important standards : FCC-EMI, cUL, CE-EMC, CE-LVD, RoHS, and WEEE.