

# DC210 Lumens Ladybug™

**Lumens**™  
Inspired Learning

The Lumens DC210 visual presenter provides a midrange price point and portable form factor, as well as XGA resolution, to allow K-12 teachers make the most of classroom instruction time. Featuring the signature goose neck design of the Lumens' Ladybug series, the DC210 mounts a camera head and two lamps on independent flexible arms for ultimate usability. Teachers can show objects at any angle with even lighting, and can capture clear pictures free from annoying burn spots or glare. An enhanced viewing area allows for full-page display of a document or a dual-page display of an open book.



## Key Features

- XGA resolution for excellent image quality
- Auto focus and auto tune
- Dual lamps for even lighting
- Internal storage for 64 pictures
- Slide show capability



*Kelly Hoover, Art Teacher, South San Francisco High School. "Lumens visual presenter has greatly impacted my teaching, and has allowed for far more streamlined lesson planning."*

## Clear Images

With XGA image output, and functions like auto focus and auto tune, the Ladybug 210 delivers excellent image quality with detailed pictures and crisp text. Even books with smaller fonts (six to eight point type) can still be viewed clearly on a screen.

Lumen's trademark lamp and arm design eradicates the classic classroom dilemma of "lights on or off?" caused when the camera demands a well-lit document while the projector needs a dimly-lit setting. The unit's dual-light sources provide even lighting that offers a clear image in dimly-lit environments. Teachers can readily adjust the light sources to create images without dark areas, glare or burn spots.

## Flexible, Easy to Use

The Ladybug 210 allows educators to focus on the needs of students and the content of lessons rather than on operating equipment. The flexible gooseneck allows the teacher to easily

show objects at different angles. With built-in memory, teachers can also capture pictures to create a slide show with just the press of a button. The Lumens FastSlide™ technology loads slides quickly to reduce wasted time. Using the credit card-sized remote control, teachers can easily control the most often used functions (such as auto tune, auto focus, image capture and slide show) from wherever they are standing. In this more natural environment, teachers can focus on students and on keeping the presentation of materials interesting and informative to capture the students' attention.

## Stay Connected

With a VGA passthrough plus a VGA output, the DC210 can be connected to both an external monitor and a projector simultaneously. An analog output for television and a USB 2.0 connect for PCs, Macs and interactive whiteboards further extend the connection options. The DC210 also offers an automatic wipe clean option, which allows users to choose to automatically erase internal memory after each use. For schools that share equipment, this insures a clean start for each user.

# Specifications

## DC210

### IMAGING

Sensor Technology: CMOS  
Output Resolution: XGA (1024 x 768)  
Frame Rate: 20 frames per second (fps)  
Zoom Capacity: 6X mechanical zoom and 16X digital zoom  
Capture Area: 14" x 11"

### LIGHTING

Lamp Type: Cold cathode lamp; provides up to 20,000 lamp life hours  
Number of Lamps: Two lights on two independent goosenecks  
Light Box: Optional

### INPUT/OUTPUT

Power Supply: Built-in, 100-240 VAC, auto switching  
VGA Pass Through (In/Out): Active pass through from the computer to an external monitor  
VGA Out: 2 ports, to projector and to monitor (for VGA pass through)  
Internal Memory Capacity: Up to 64 JPEG images  
USB Support: USB 2.0  
RS-232: Phone Jack, 3 wires  
C-Video: RCA Jack

### SOFTWARE

queue™ Utility: Included. Support PC Windows 2000, XP, Vista and Mac OSX 10 and above.  
USB Driver: Support WIA and TWAIN for Interactive White Boards

### 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 adapter, remote control, remote control holder  
Optional: Padded carrying case, RS-232 adapter, light box

### OPERATION FUNCTIONS

Auto Tune: Yes (Adjust for best possible image with a single touch of a button)  
Auto Exposure: Yes  
Auto White Balance: Yes  
Auto Focus: Yes  
Photo/Text Mode: Choose photo/text mode  
Image Mode: Choose normal/gray scale/35mm slide/microscope/negative film  
Image Capture: Capture images to internal memory or to the computer via USB connection  
Video Recording: Yes, by using Lumens queue™ software  
Freeze: Yes  
Slide Show: Playback saved images  
Image Flip: 0, 180 degrees  
Annotation: Yes, by using Lumens queue™ software  
Low Light Mode: Yes

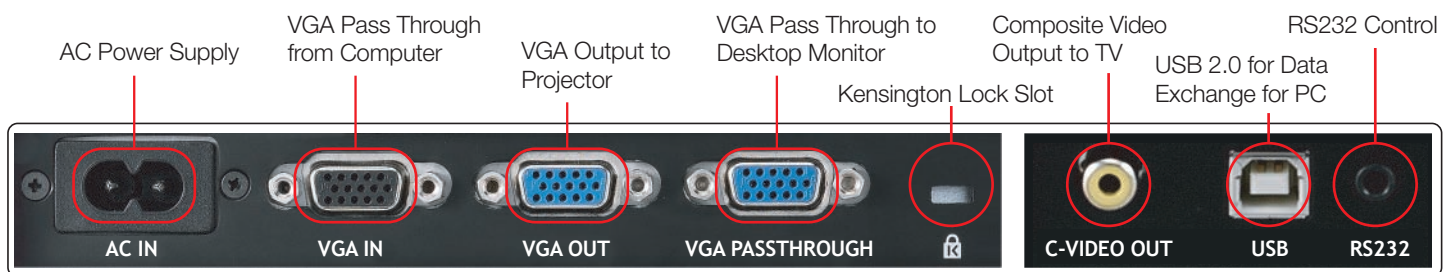
### OTHER

Weight: 5.0 lbs  
Dimension: 17" x 8.3" x 22" (L x W x H)  
Warranty: 5-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.

### I/O CONNECTIONS



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