



The Lumens® DC172 Ladibug™ document camera comes with an unbeatable ultra-clear 4K UHD output resolution with 30 frames per second and can demonstrate remarkably detailed images of any object in real-time without delays. The DC172 features image rotation and allows users to rotate the image for 90/180/270 degrees, plus flip/mirror images quickly. It also supports external storage via USB Flash drive, and a unique HDMI pass-through feature which can pass an image from a PC(NB) directly to a display. With our exclusive PC-free solution, it can carry out image annotation and control menu settings directly with a mouse. The unique joint-free gooseneck enables a 360° viewing angle and is easy-to-use. Press one button to capture, record, playback the lecture material and get the perfect image quality every time. The Lumens® DC172 makes presentations and teaching more interactive and memorable for students in a 1:1 collaborative learning environment.

## Key Features

- 4K, 1080p, 720P, and XGA output resolution
- Rotate 90/180/270 degrees, and flip/mirror
- HDMI output and pass through up to 4K resolution
- Image annotation and menu operation by mouse
- Supports USB Flash Drive for capture and video recording

## More Details

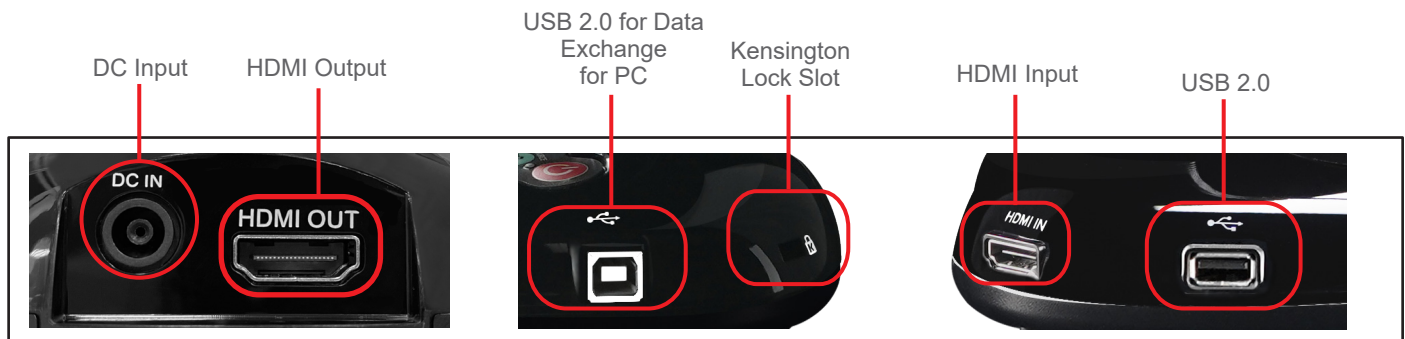
- No joint, highly flexible gooseneck
- Unique image optimization - auto tune
- One-Touch synchronous audio/video recording
- Compatible with all major whiteboard brands
- Built-in microphone
- USB Plug and Play

## Specifications

<b>Image Sensor</b>	1/3" 13MP CMOS Color Image Sensor	<b>HDMI Pass-through</b>	Active Pass-through, up to 2160p 60 Hz
<b>Output Resolution</b>	XGA / 720p / 1080p / 4K (2160p)	<b>Onboard Annotation</b>	Yes
<b>Frame Rate</b>	XGA / 720p / 1080p : 60/50 fps 2160p : 30/25 fps	<b>Freeze</b>	Yes
<b>Close-Up</b>	5 cm	<b>Pan</b>	Yes
<b>Zoom</b>	2x for 1080p (1920x1080) 3x for 720p (1280x720) 2.8x for XGA (1024x768)	<b>PIP</b>	Yes
<b>Digital Zoom</b>	30x	<b>Mask / Spotlight</b>	Yes
<b>Mechanical Zoom</b>	6.8x	<b>Lock Down Mode</b>	Yes
<b>Shooting Area Max.</b>	16.5"x12.4" (420mm x 316mm )	<b>Auto Erase</b>	Yes
<b>Lamp</b>	LED Lamp	<b>USB Image Transmission</b>	USB 2.0 (480 Mbps) High Speed Transmission
<b>Arm</b>	Joint-Free Gooseneck	<b>Image Capture</b>	Single or Continuous Capturing
<b>Power</b>	External Power Supply, 100-240 VAC	<b>Driver</b>	UVC/UAC
<b>Input</b>	HDMI x1	<b>Free Lumens® Software</b>	Supports PC Windows 10, 8, 7, Mac OS X, Chrome OS
<b>Output</b>	HDMI x1 / USB 2.0	<b>Anti-Theft</b>	Kensington Anti-theft Lock Device
<b>Control</b>	USB / RS-232*	<b>VESA Mount</b>	Yes, 75 mm x 75 mm
<b>Built-in Microphone</b>	Yes	<b>Included Accessories</b>	Power Adapter, Power Cable, USB Cable, HDMI Cable, Microscope Adapter
<b>Memory Slot</b>	USB Flash Drive (up to 256GB)	<b>Power Consumption</b>	8W (Maximum)
<b>Built-in Memory</b>	100 Pictures	<b>Dimensions (LxWxH)</b>	Folded : 9.3" x 4.2" x 11" (236 x 106 x 280 mm) Open : 13.8" x 4.2" x 15" (350 x 106 x 380 mm)
<b>Auto Tune</b>	Yes, One Button for Optimization Image	<b>Weight</b>	2.8 lbs (1.3 kg)
<b>Focus Mode</b>	Auto / Manual	<b>Color Selection</b>	Black
<b>Image Mode</b>	Photo / Text / Film / Slide / Microscope		
<b>Image Rotation</b>	0° / 90° / 180° / 270° / Flip / Mirror		
<b>Standalone AV Recording</b>	Yes		
<b>Video/Audio Recording</b>	One Touch Button Records Image and Sound Synchronously		

\*With optional USB / RS-232 converter

## User Interface



# Lumens®

Lumens is the registered trademark of Lumens Digital Optics Inc. Changes in specification or design may be done without notification.

\*The warranty policy may be different depending on the sales region, please contact your local salesperson.