

# CL510 Document Camera

High-Definition Ceiling Camera

**PODIUM**  
DOCUMENT CAMERAS

The Lumens™ CL510 is a high-definition document camera designed to be mounted on the ceiling, requiring no hardware on the desktop, podium or lectern. This permits presentations with a completely clear line of sight between the presenter and the audience.

The CL510 provides Full HD-1080p resolution, professional grade 25x optical zoom, up to 30 frames per second speed, and vivid image quality. This ceiling mounted document camera is the ideal solution for every lecture hall, auditorium, and presentation room.

## Key Features:

- **High Definition, XGA, SXGA, WXGA, UXGA, 1080p**
- **25x Optical Zoom**
- **Up to 30 Frames Per Second Live Display**
- **Excellent Clarity and Color Reproduction**
- **One button optimization function**
- **One touch, standalone video recording**
- **Intelligent time stamp on saved files**
- **High-definition USB image transmission in real time**
- **Support USB Flash Drive – Up to 32GB**
- **Plug & Play, no need to install USB driver**
- **Customized video splash screen**
- **Supports both LCD and DLP projectors**
- **Free multi-functional cross platform software support**
- **Compatible with all major IWB brands**
- **Five Year Unlimited REPLACEMENT Warranty**



For more information on Podium Cameras, scan bar code.

**Lumens™**  
*Brighter Teaching*



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



## IMAGING

**Sensor Technology** : CMOS  
**Output Resolution** : XGA (1024 x 768), SXGA (1280 x 1024), WXGA (1280 x 800), UXGA (1600 x 1200), 1080p  
**Frame Rate** : Up to 30 fps  
**Zoom Capacity** : 25x optical zoom and 5x digital zoom  
**Capture Area (Max.)** : 47.2" x 35.4" (1200 x 900 mm)

## INPUT/OUTPUT

**Ethernet** : Yes, for Video Streaming and Remote Control  
**Power Supply** : PoE (power over Ethernet) or DC12V Input  
**DVI-I Out** : to Projector or monitor  
**VGA Out** : 1 ports, to projector or to monitor  
**Internal Memory Capacity** : Up to 120 JPEG images  
**External Memory Capacity** : USB drive accepts up to 32 GB  
**USB Support** : High Speed 2.0 (480 Mbps) Transmission  
**RS232** : 1 port

## SOFTWARE

**Podium View™ Software Included** : Support PC Windows 8, 7, XP, Vista and Mac OSX (Free download from Lumens™ website)  
**Video Recording** : Record video with various compression.  
**Image Capture** : Single or continuous capture of JPEG images  
**Annotation** : Annotate directly on live image  
**USB Driver** : Supports UVC, WIA and TWAIN for integration with interactive whiteboards including Promethean™, SMART™, Hitachi Starboard™, Mimio™, and others

## ACCESSORIES

**Standard** : Power Adapter, VGA cable, USB cable, Remote, Lens cap, IR extender - 15 feet (5m), Ceiling Mount  
**Optional** : Close-up Lens, Ceiling Tile Mounting Tool

## 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

## OTHER

**Weight** : 1.76 lbs (0.8kg)  
**Dimensions Folded** : 3.4" x 5" x 5.3" (86 x 126 x 135 mm) (L x W x H)  
**Warranty** : 5 year unlimited REPLACEMENT warranty covers all hardware

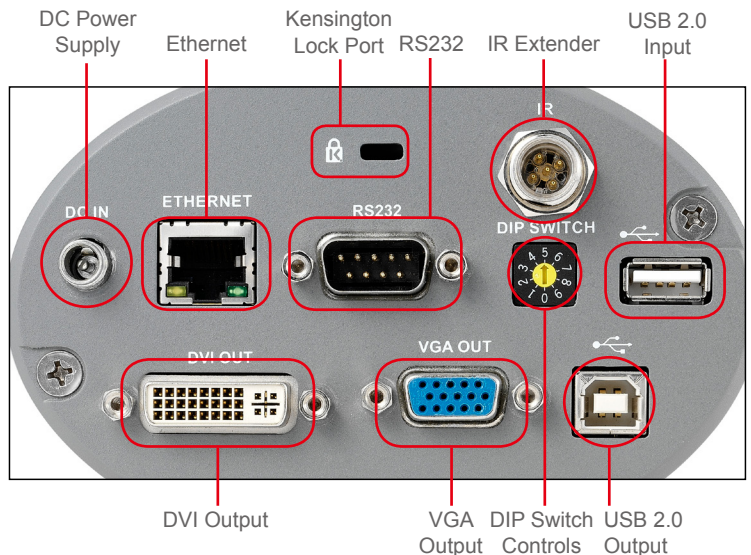
## COMPLIANCE

**Lumens™ is in compliance with these important standards** : FCC-EMI, cUL, CE-EMC, CE-LVD, RoHS, and WEEE.

## OPERATION FUNCTIONS

**Auto Tune** : Yes, single button to adjust for best possible images  
**Auto Exposure** : Yes  
**Auto White Balance** : Yes  
**Auto Focus** : Yes, Auto / Manual  
**Photo/Text Mode** : Choose photo/grayscale/text mode  
**Image Capture** : Single or continuous capturing images (time lapse photography) to built-in memory, to an USB flash drive, or to the computer via USB  
**Video Recording** : One touch, standalone video recording  
**Picture in Picture (PIP)** : Yes  
**Freeze** : Yes  
**Slide Show** : Automatically or manually  
**Image Rotation** : Full screen image rotation from 90,180 to 270 degree  
**Annotation** : Yes, by using Podium View™ software or by USB or Wireless Standard Mouse  
**Spotlight** : Yes  
**Low Light Mode** : Yes  
**Mask** : Yes  
**Pan Across the Screen** : Enlarged any part of the image and pan it by using the arrow keys  
**Projector Type** : Yes, supports both LCD and DLP projectors  
**Ethernet Image Transfer** : Yes, for distance learning  
**Sync. Real Time Clock by Ethernet** : Yes  
**Real Time Clock** : Yes, record capture time on photo  
**Laser Indicated** : Yes, for positioning

## I/O CONNECTIONS



**Lumens™**  
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