Lumens’ first 4K ceiling camera with 300x zoom, HDMI, VGA, USB, and IP streaming.

Equipped with a Sony 1/2.8" image sensor, the CL511 is designed to provide overhead video from a height of up to 2m. Its wide shooting area and 300x total zoom enables it to capture large objects such as maps and technical drawings, or zoom in on for use in culinary demonstrations, medical training or educational use.

Key Features

- 4K UHD 30fps Resolution
- 300x Total Zoom
- Supports RTSP streaming and PoE+
- Central Laser Marking Positioning
- 5-year warranty*

Sharp 4K UHD Overhead Video

Lumens CL511 can be suspended from, or embedded into the ceiling. It provides presenters an unobstructed top view of a table top, podium, or demonstration area. The camera can shoot documents or objects larger than A0 size (over 88” x 48” / 2.2m x 1.2m) at up to 4K resolution.

Accurate Positioning

The CL511 can project mark the middle of the shooting area with a targeting laser, making it quick and easy to position objects accurately in the center of the frame. With 300x close-up capabilities, the camera is ready to capture the finest details.

Step-Up Onboard Collaboration

The CL511 supports a wireless mouse to access onboard collaboration tools for spotlighting a particular area. It also enables free drawing without a PC or any software. The addition of Lumens Ladibug program gives users access to advanced features such as text overlay, 4K recording, and use with a touch panel.

Fast & Easy Installation

Featuring HDMI, USB, VGA, and Ethernet video outputs, users can output to video conferencing platforms, projectors and large format displays, and devices connected to the local network. The CL511 also supports Power over Ethernet (PoE+). Using a standard network cable, the visualizer can be operated without additional power supplies. These features significantly reduce installation time and costs.
## Product Specifications

### Camera
- **Sensor**: 1/2.8" 8MP CMOS
- **Video Format**:
  - 2160p: 30 / 25
  - 1080p: 60 / 50
  - 720p: 60 / 50
  - XGA
- **Video Output Interface**: VGA / HDMI / USB / Ethernet
- **Total Zoom**: 300x
- **Zoom**: 60x
- **Digital Zoom**: 15x
- **Sharpness**: MTF 1100 lines
- **Shooting Area at 2m Height**: Max: 2235 x 1211mm
  Min: 136 x 76mm
- **Center Laser Mark for Positioning of Objects**: Yes
- **Auto Tune**: Yes
- **Picture in Picture (PIP)**: Yes
- **Slide Show**: Automatically or Manually
- **Image Rotation**: 0° / 90° / 180° / 270° / Flip / Mirror
- **Pan Across the Screen**: Yes

### Input
- **USB Host**: Type-A x1
  - Supports USB 2.0 Flash Drive
  - USB Mouse and Keyboard
- **USB Flash Drive**: Up to 4TB

### Output
- **HDMI**: 2160p30 / 1080p60
- **VGA**: 1080p60
- **IP Streaming**: 2160p30
- **IP Compression**: H.264
- **USB Video Format**: H.264 / MPEG / YUV
- **USB**: H.264 / MPEG / YUV

### Capture & Recording
- **Image Capture**: Single or Continuous Capturing
- **Built-in Memory**: 100 JPEG images
- **Video Recording**: Yes
- **Recording Format**: H.264 1080p60
- **Video Playback**: Yes

### Ethernet
- **IP Protocol**: RTSP
- **PoE**: PoE+ (IEEE802.3at)

### Audio
- **Audio In**: Line In
  - Phone Jack 3.5mm x1
- **Audio Out**: Line Out
  - Phone Jack 3.5mm x1
- **Audio Compression Format**: USB: PCM
- **Camera Control**: UVC 1.1
- **UAC**: Yes

### General
- **Anti-Theft**: Kensington Lock
- **IR Extender**: Yes
- **Ladibug Software Included**: Ladibug Software (Supports Windows 10, 8, 7, Mac OS X, Chrome OS)
- **DC In**: 12V DC (100~240 VAC)
- **Power Consumption**: PoE: 13W
  - DC In: 12W
- **Weight**: 1.76lbs (800g)
- **Dimensions (W x H x D)**: 4.96" x 3.39" x 5.59"
  (126 x 86 x 142mm)

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### I/O Connections

![I/O Connections Diagram]

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*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.*