Li165

Intelligent Network Camera
Outstanding Light Sensitivity

Outline

Improve the effectiveness of your surveillance!

Lumenera's Li165 series of intelligent network cameras are designed for general security applications requiring superior image quality in extremely low lighting conditions.

Enabled with ObjectVideo OnBoard - Lumenera's intelligent camera series are providing real-time video analytics at the camera head. Provides detailed monitoring of the scene – alerting when suspicious activity is occurring – allowing the surveillance operator to make more proactive decisions.

Capturing full 1376 x 1032 resolution at 15 frames/sec, these cameras deliver outstanding picture quality and performance. Adjustable MJPEG and H.264 compression are provided across a standard 10/100BaseT network interface. Transfer of images via FTP, RTP or HTTP. Transfer of images via FTP, RTP or HTTP.

Lumenera has simplified IP camera installation with a straightforward plug-and-play process. Intuitive user interface viewed with most web browsers provides standard camera control.

The I/O connector provides an interface to an external alarm sensor or control of peripheral equipment such as IR lighting and PTZ. E-mail or UDP alarm notification provides the date, time, and camera IP address. On-board memory buffers supply still images via FTP that precede and follow alarm events.

Programmable day/night settings automatically switch to enhanced low-light mode. Optional – True day/night module provides automatic sliding IR cut filter. When integrated with NIR illuminators, provides outstanding nighttime performance.

The Li165's compact, all-metal body fits easily into housings and PTZ systems. Full one (1) year warranty.

Product Features

- ❑ **Intelligent camera enabled with ObjectVideo OnBoard video analytics**
- ❑ **Ultra-low light sensitivity <0.1 Lux**
- ❑ **Analog video output for easy installation**
- ❑ **2-way audio**
- ❑ **JPEG or H.264 compression**
- ❑ **Easy set-up and installation**
- ❑ **>1000 lines of resolution, color, progressive scan, 1376x1032 pixel sensor**
- ❑ **Up to 15 fps at full 1376x1032 resolution**
- ❑ **Feature rich camera functions:**
  - o **Auto white balance**
  - o **Auto exposure**
  - o **Configurable compression ratio**
  - o **Support for multi data-stream**
- ❑ **I/O control of alarms, PTZ, lighting or other peripherals**
- ❑ **Optional true day/night functionality**
- ❑ **Image transfer via HTTP, FTP or RTP**
- ❑ **Camera control via HTTP, XML-RPC, Telnet or Microsoft COM**
- ❑ **Security / password protection**
- ❑ **FCC Class B, CE Certified**
- ❑ **CS lens mount provided standard, C-mount adapter available**
- ❑ **Compatible with most Operating Systems (Windows™ 98 SE, Windows Me, Windows 2K, Windows NT and Windows XP, Linux and Mac)**

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Image Sensor	**2/3" format, CCD, color or mono, 10.2mm x 8.3mm array**
Effective Pixels	**1376 x 1032, 6.45µm square pixels**
Frame Rate	**Captures 15 fps at 1376x1032, 27 fps at 640x480 (ROI)**
Dynamic Range	**66dB**
Sensitivity	**<0.01 lux at F 1.0**
Auto Exposure	**Automatic / Manual**
White Balance	**Automatic / Manual**
Dimensions (W x H x D)	**1.9" x 2.25" x 6.3" (not including lens)**
Mass	**~300g**
Power Requirement	**PoE (802.3af), or external 24VDC**
Power Consumption	**<6 Watts**
Operating Temperature	**-10°C to +50°C (environmental enclosure will provide extended temperatures with fan / heater)**
Operating Humidity	**5%-95%, Non-condensing**
Interface Connector	**RJ45 Cat 5e twisted pair cable, 10/100baseT Ethernet**
Lens Mount	**Adjustable CS-Mount (lens not included)**
Image Buffer	**28 MB (hundreds of full res images) , expandable to 128 MB**
Analog Output	**NTSC composite video, BNC jack, 75 ohm**

Ordering Information

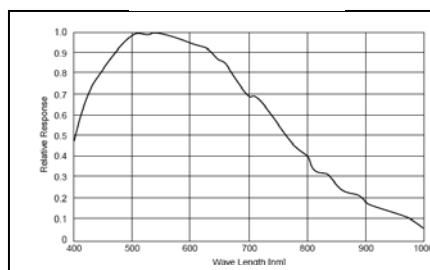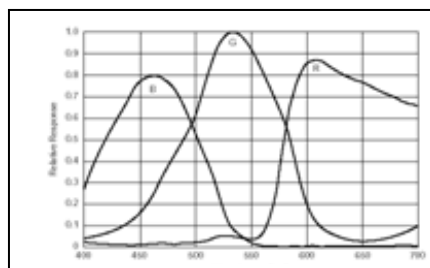|	
Li165C	– Network Color Camera
Li165M	– Network Monochrome Camera
Li165C-DN	– Network Color Camera with Optional Day/Night Module
Li165C-MM	- 128 MB extended memory
Li165M-MM	- 128 MB extended memory
Li165C-DN-MM	– 128 MB extended memory option
Lu8401	– Power Supply w International Plugs, 24VDC/1A Output

Recommended Applications:
- Low-light imaging with ambient light or active infrared
- Mission-critical surveillance for military, homeland, perimeter, border, prison and airport security
- Monitoring of rapidly moving people, vehicles, trains, aircraft, etc.
- Automated surveillance for timely response and prevention of operator fatigue
- Protection of major public and corporate infrastructure
- Scalable to large deployments using on-camera video content analysis

Recommended PC Specifications

O/S: Windows XP (SP 2)
CPU: 2.8GHz or above Pentium computer (required for full frame rate preview)

600Mhz or above Pentium compatible computer (for basic functionality)

Network: 100 Mbps Ethernet LAN
Browser: Internet Explorer v7.0

Mono Response

Color Response

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