

System Requirements and Specifications

Computer Requirements

Below you can find the minimum and recommended requirements for systems running cameras using the default QVGA (320 x 240) settings. Running your cameras in the higher VGA (640 x 480) mode requires additional CPU.

Requirement	Number of Cameras						
	1	2	3	4	5	6	
CPU Speed	Minimum	1.0 GHz	1.2 GHz	1.4 GHz	1.6 GHz	1.8 GHz	2.0 GHz
	Recommended	1.4 GHz	1.6 GHz	2.0 GHz	2.4 GHz	2.6 GHz	3.0 GHz
Memory (MB)	Minimum	256	384	512	512	512	512
	Recommended	384	512	512	768	768	1024
Video Card (MB)	Minimum	32	32	32	64	64	128
DirectX 9 compatible latest video drivers	Recommended	32	32	64	128	128	256
Display Resolution:	1024 x 768 or higher, 32 bit color						
Hard Drive (MB):	100 MB for program and a minimum of 500+ MB for video storage 20+ GB recommended for video recording						
Operating System:	Microsoft® Windows® 2000; Microsoft® Windows® XP Home Edition, XP Professional or, XP Media Center Edition						
USB:	One free USB 1.1 or 2.0 port (2.0 recommended)						
Media Player:	Microsoft Windows Media® Player 9 or later						
Other:	CD ROM drive for software installation						

LukWerks uses your Windows PC to record the video from your cameras and to serve video to your remote devices. You need to have your PC on and running for the LukWerks system to operate.

Remote Viewing Requirements

Remote Viewing allows you to view live video from your WiLife system over the Internet using a compatible browser, cell phone, or wireless handheld.

System Requirements

- Computer that matches or exceeds the minimum system requirements
- Always-on broadband Internet connection like DSL, Cable Modem, or T1
- WiLife Online account and properly configured WiLife software

To better help you determine if your computer and Internet service are compatible with the Remote Viewing requirements, we have included a link to an online bandwidth speed meter. Click on the link and follow the instructions on the page to determine your PC's connection upload and download speed.

Note: For the test to be as accurate as possible, make sure that no one else in the house is using the internet connection (PC or Voice Over IP phone).

<http://myspeed.visualware.com/index.html>

Cell Phones & Handhelds

WiLife is compatible with a wide range of Microsoft Windows Mobile cell phones and wireless handhelds. Of course, these devices require Internet access either through a cell service provider or wireless Internet hub, depending on your device. You can test your cell phone or handheld by going to <http://www.wilife.com> with your mobile device.

Note: Cell phone users should subscribe to an unlimited data plan to ensure cost effective access.

Examples of Compatible Cell Phones

- Anextek SP230
- Asus P535, P525, P505
- Audiovox PPC 6601; PPC 5050, PPC 4100; SMT 5600
- Cingular 8525; 8125; 3125;
- Dopod StrTrk S300
- E-ten M600; P300B
- Gigabyte GSmart
- Gotive H41
- GSMK Cryptophone
- Hitachi Pocket PC phone

Examples of Wireless Handheld Devices:

- Above-Net Top100P
- Acer n20 series
- Asus MyPal A730W
- Dell Axim X51v; X51; X50v; X50; X30
- HP iPAQ hx2400 series; hx2700 series; hx3700 series; hx4700 series
- i-mate PDA2
- Intrinsic Carbonado;
- Juniper Systems Archer Field PC
- Lenovo ET960

- HP iPAQ hw6500 series; h6300 series
- HTC MteoR; TyTN; Universal; Wizard; Blue Angel; Typhoon; Amadeus; Magician
- iMate SmartFlip; SP5; SP5m; K-JAM; JASJAR
- Microsoft/Flextronics "Peabody"
- Palm Treo 700w
- Motorola Q; i930; CN620; MPx, MPx100 & MPx220
- Neonode N1
- 02 XDA; XPhone
- Orange SPV C600; C550
- Pantech PH-S8000T
- Qool Labs ADA
- Samsung BlackJack; SCH-i730; SCH-i600; SGH-i300
- Sharp W-Zero3
- Siemens SX66
- Sierra Wireless Voq Phone
- Sprint PCS Vision; Power Vision
- T-Mobile Dash; MDA; SDA
- Verizon XV6700
- Mitac Mio A201
- MP2 Solutions MRT300
- Olympus "Tough Digital Assistants"
- Toshiba e805; e400/e405; e750/e755; e800/e805

Internet Browser

Accessing Remote Viewing from an Internet browser requires a PC and browser running the Windows Media Player 9 or later.

Indoor Camera Specifications

Camera Features

The DLC-800i WiLife Indoor Camera is designed for indoor use, but can also be used to securely monitor outside using its patent pending window mount.

Processing Power	400 MHz DSP
Image Encoding	Windows [®] Media Video 9
Image Processing	Motion detection up to 16 zones, Auto brightness
Resolution	Selectable: 640 X 480 or 320 X 240 pixels
Frame Rate	Selectable: 15, 10 or 5 frames/second

Bit Rate	Selectable
Illumination	2 lx minimum per IEC 61146-1
Color Depth	10 bits
Lens	
Focus	User adjustable
Viewing Angle	80° (diagonal)
Pan Angle	50° (manual)
Firmware Updates	Selectable: Manual or Automatic

Operating Environment

The DLC-810i WiLife Camera meets requirements for indoor use and is not qualified for outdoor environments.

Temperature Range

Operating	+32°F to +93°F (0°C to +34°C)
Storage	-4°F to +140°F (-20°C to +60°C)
Humidity (storage and operating)	5% to 90% (relative; non-condensing)
Voltage	110 Volts AC, 60 Hz

Power supply to Camera cabling

Included cable	CAT-5e, RJ-45 connectors, 10 feet (3 m)
User provided requirements	CAT-5e or better, RJ-45 connectors, up to 120 feet (36 m)
Connector pin out	Per IEEE 802.3
Property Size	Up to ~8,000 square feet

Physical Metrics

Power Consumption	15 Watts
Camera Body Dimensions	Height: 5.0"; Width 3.2"; Depth: 1.8" (12.7 cm x 8.1 cm x 4.6 cm)
Camera Weight	6.7 oz (190 g)
Power Supply Dimensions	Height: 3.8"; Width: 2.9"; Depth: 2.6" (9.7 cm x 7.4 cm x 6.6 cm)
Power Supply Weight	5.6 oz (160 g)

Outdoor Camera Specifications

The DLC-810e WiLife Outdoor Camera is weatherproof and designed for use in most outdoor environments.

Camera Features

Processing Power	400 MHz DSP
Onboard Image Encoding	Windows [®] Media Video 9
Onboard Image Processing	Motion detection up to 16 zones, Auto brightness,
Resolution	Selectable: 640 X 480 or 320 X 240 pixels
Frame Rate	Selectable: 15, 10 or 5 frames/second
Bit Rate	Selectable
Illumination	2 lx minimum per IEC 61146-1
Color Depth	10 bits

Lens

Focus	Preset
Viewing Angle	80° (diagonal)
Firmware Updates	Selectable: Manual or Automatic

Operating Environment

Temperature Range	
Operating	+0°F to +110°F (-18°C to +44°C)
Storage	-4°F to +140°F (-20°C to +60°C)
Humidity (storage and operating)	5% to 95% (relative; non-condensing)
Voltage	110/120 Volts AC, 50/60 Hz
Property Size	Up to 8,000 square feet

Physical Metrics

Power Consumption	15 Watts
Camera Body Dimensions	Height: 2.0 inch (50 mm); Width 4.72 inch (120 mm); Depth: 8 inch (200 mm)
Camera Weight	1.1 lb (500 g)