



Welcome to Luxviv. Luxviv is among leading manufactures and exporters of electronic products in China, whose business line now spans consumer electronics, public security and more. Today Luxviv leads the global market in hi-tech electronics and digital media.

Luxviv is professional in network surveillance system. Based on independent R&D, we have the intellectual property rights in telecommunications and network surveillance, so we can customize network surveillance system according to detailed requirements, and provide SDK, drivers and professional technical support for secondly development and system integration.

What is more, Luxviv can also provide you with very professional technical supports for your system integration according to the specific project requirements, such as network planning, solution design, remote operating assistance and training, remote system testing, and more.

Facing the technical innovation, we keep in step with the current technology of video and audio communication. Towards the future, keeping innovating, we believe that, we can provide the excellent solutions and service, and create the most value for our customers.

Resorting to endless technical innovation, reliable products and excellent service, together with our global partners and customers, the Luxviv people are focusing on customers' needs and challenges, and exerting their passion and imagination to create the maximum value and satisfaction for our customers, to enrich people's life all over the world.

MPEG-4 IP CAMERA

Trouble Free

What are your troubles with using Network IP Camera?

- ✧ Public Network IP address?
- ✧ Dynamic DNS?
- ✧ Port mapping?
- ✧ Virtual server?
- ✧ NAT configuration?
- ✧ uPnP support in router?

How to avoid these troubles?

- ✧ Use ID and Password
- ✧ Use Assistant Connection Address likes email address

Need any additional service charges?

No!

Real No Requirements of:

- ✧ Public Network IP address
- ✧ Dynamic DNS
- ✧ Port mapping in router
- ✧ Virtual server in router
- ✧ UPnP support in router

Hurry up! Experience!

- ✧ For live demo via IE Browser, no active-X plus-ins and Java applet requirements, please go to <http://www.luxviv.com/live.htm>
- ✧ For live demo via Windows Media Player, please Run Windows Media Player > Press "File" > Select "Open URL" > Enter the URL <http://219.133.170.101:6060/Streaming/Streaming> into appeared dialog box > Press "OK"
- ✧ For live demo and IP Camera Setup via IE Browser, Please go to http://219.133.170.101:6060/index_en.html, Enter User Name "admin" and Password "admin" to login.

View remote video anywhere! Are you free?

SYSTEM FEATURES

- ◇ Support self-building Dynamic IP and NAT traversing solution based on NMCP Protocol, with a NMCP Address like email address-no static IP requirement, completely settle the troubles with Dynamic IP Address, without complex router settings.
- ◇ Support MS-WMSP, video stream can be directly pulled by Windows media server or Windows media player, easy to establish a windows media server to publish video stream over the Internet, suitable for network TV broadcast.
- ◇ By using windows media player and CGI Protocol, no ActiveX Plug-ins requirements while view media stream and control PTZ via IE browser, avoiding complex IE Security Settings.
- ◇ Support Multicast Search based on UDP Protocol, easy to list all the LUXVIV IP video devices just by pressing one key in the software, regardless of IP Address.
- ◇ Accurate Frame Rate and Bit Rate setup, enables you to flexibly and effectively configure your IP-based security and surveillance applications, according to your concrete network environment.
- ◇ Adaptive rate control function supported, easy to delivery vivid and smooth video stream and two way audio through low bandwidth.
- ◇ Support being decoded over WAN by using an LUV500NVD Decoder, the decoded image can be output into a TV set or CCTV monitor. Dwell time of an image can be adjusted.
- ◇ Support web server function, allowed to access expediently via Internet Explorer.
- ◇ Built-in embedded Linux operating system, support downloading the software, upgrading and setting the device.
- ◇ Support fault detection, recovery and automatic connection.
- ◇ Multi-protocols support: TCP/ UDP/ HTTP/ PPPoE/ DHCP/ DNS/ AGMP/ TFTP.
- ◇ Variety of power supply options: DC 12 V, or PoE (Power over Ethernet) (optional).
- ◇ Limited data bit rate while maintaining high-quality images, ideal when network bandwidth is limited, Useful for calculating the required bandwidth during installation.
- ◇ Alarm function: with activity detection alarm recording modes.
- ◇ Bi-directional audio function.

PRODUCT PARAMETERS

VIDEO AND AUDIO PROCESSING

- ◇ Image Compression Format: MPEG4/MPEG4-ASP (MPEG4 Advanced Simple Profile)
- ◇ Digital Image Resolution: D1(PAL-720x576、NTSC-720x480)、CIF(352x288)、QCIF (176*144)
- ◇ Maximum Frame Rate: PAL 25 frame/sec, NTSC 30 frame/sec
- ◇ Image Encoded Bandwidth: 64kbps—4Mbps
- ◇ Audio Compression: ADPCM
- ◇ Audio Encoded Bandwidth: 32kbps
- ◇ Support Motion Detection, precision and zone can be adjusted

AUDIO INTERFACES SELECTABLE

- ◇ Built-in Mini Microphone
- ◇ External Audio Connector: Line-In, Line-Out

ETHERNET INTERFACES

- ◇ Ethernet Interface: 10/100 Base-T Ethernet Connector, RJ-45 Jet
- ◇ Multi-Protocol Support: TCP, UDP, HTTP, PPPoE, DHCP, DNS, AGMP, TFTP

SELECTABLE IO INTERFACES


- ◇ GPIO INTERFACE: 5 GPIO interfaces for Input or Output, whose triggering level can be set up by software, designed for connecting exterior sensors or controlling devices for Intelligent Alarm Control and Linkage
- ◇ Serial Interfaces: RS-485 Interface for PZT control or Alarming Linkage






EXTERNAL SELECTABLE INTERFACES

- ◇ PoE Module: PoE (Power over Ethernet according with IEEE802.11b Standards) Module for power supply

HARDWARE







- ◇ Internal Memory: RAM 32-64MB selectable, FLASH 4MB
- ◇ Operating System: Embedded Linux Real-time Operating System

MODEL	SPECIFICATION	PICTURE
BOX IP CAMERA		
LUV420B	Box IP Camera, equipped with 1/3 inch SONY Color CCD, Horizontal Resolution of 420 TVL, Min. Illumination of 0.3Lux@F1.2, support C/CS Lens Mount, suitable for Fixed or Manual Iris Lens. Built-in Mini Microphone and support Bi-directional audio function. Packaged in 1 RS485 Connector, 3 GPIO-IN Connectors and 2 GPIO-OUT Connectors.	

LUV480B	Box IP Camera, equipped with 1/3 inch SONY Color CCD, Horizontal Resolution of 480 TVL, Min. Illumination of 0.5Lux@F1.2, support C/CS Lens Mount, suitable for Fixed or Manual Iris Lens. Built-in Mini. Microphone and support Bi-directional audio function. Packaged in 1 RS485 Connector, 3 GPIO-IN Connectors and 2 GPIO-OUT Connectors.	
LUV520B	Box IP Camera, equipped with 1/3 inch SONY Color CCD, Horizontal Resolution of 520 TVL, Min. Illumination of 0.8Lux@F1.2, support C/CS Lens Mount, suitable for Fixed or Manual Iris Lens. Built-in Mini. Microphone and support Bi-directional audio function. Packaged in 1 RS485 Connector, 3 GPIO-IN Connectors and 2 GPIO-OUT Connectors.	
LUV420BL	Box IP Camera, equipped with 1/3 inch SONY EX-view Color CCD, Horizontal Resolution of 420 TVL, Min. Illumination of 0.03Lux@F1.2, support C/CS Lens Mount, suitable for Fixed or Manual Iris Lens. Built-in Mini Microphone and support Bi-directional audio function. Packaged in 1 RS485 Connector, 3 GPIO-IN Connectors and 2 GPIO-OUT Connectors.	
LUV480BL	Box IP Camera, equipped with 1/3 inch SONY EX-view Color CCD, Horizontal Resolution of 480 TVL, Min. Illumination of 0.03Lux@F1.2, support C/CS Lens Mount, suitable for Fixed or Manual Iris Lens. Built-in Mini. Microphone and support Bi-directional audio function. Packaged in 1 RS485 Connector, 3 GPIO-IN Connectors and 2 GPIO-OUT Connectors.	
LUV520BL	Box IP Camera, equipped with 1/3 inch SONY EX-view Color CCD, Horizontal Resolution of 520 TVL, Min. Illumination of 0.05Lux@F1.2, support C/CS Lens Mount, suitable for Fixed or Manual Iris Lens. Built-in Mini. Microphone and support Bi-directional audio function. Packaged in 1 RS485 Connector, 3 GPIO-IN Connectors and 2 GPIO-OUT Connectors.	




REMARK: All above models can be equipped with Auto Iris Lens Control Module; also can be equipped with PoE Module.

WATERPROOF AND DUSTPROOF INFRARED IP CAMERA

LUV420IRS	Waterproof and Dustproof Infrared IP Camera, Equipped with 1/3 inch SONY CCD, Horizontal Resolution of 420 TVL, Min. Illumination of 0Lux@F2.0, built-in 8mm (4mm, 6mm, 8mm and 12mm selectable) Fixed Lens and LED Lights up to 20 meters Infrared Distance.	
LUV480IRS	Waterproof and Dustproof Infrared IP Camera, Equipped with 1/3 inch SONY CCD, Horizontal Resolution of 480 TVL, Min. Illumination of 0Lux@F2.0, built-in 8mm (4mm, 6mm, 8mm and 12mm selectable) Fixed Lens and LED Lights up to 20 meters Infrared Distance.	
LUV520IRS	Waterproof and Dustproof Infrared IP Camera, Equipped with 1/3 inch SONY CCD, Horizontal Resolution of 520 TVL, Min. Illumination of 0Lux@F2.0, built-in 8mm (4mm, 6mm, 8mm and 12mm selectable) Fixed Lens and LED Lights up to 20 meters Infrared Distance.	
LUV420IRM	Waterproof and Dustproof Infrared IP Camera, Equipped with 1/3 inch SONY CCD, Horizontal Resolution of 420 TVL, Min. Illumination of 0Lux@F1.4, built-in 12mm (8mm, 12mm and 16mm selectable) Fixed Lens and LED Lights up to 50 meters Infrared Distance.	
LUV480IRM	Waterproof and Dustproof Infrared IP Camera, Equipped with 1/3 inch SONY CCD, Horizontal Resolution of 480 TVL, Min. Illumination of 0Lux@F1.4, built-in 12mm (8mm, 12mm and 16mm selectable) Fixed Lens and LED Lights up to 50 meters Infrared Distance.	
LUV520IRM	Waterproof and Dustproof Infrared IP Camera, Equipped with 1/3 inch SONY CCD, Horizontal Resolution of 520 TVL, Min. Illumination of 0Lux@F1.4, built-in 12mm (8mm, 12mm and 16mm selectable) Fixed Lens and LED Lights up to 50 meters Infrared Distance.	


REMARK: All above models can be equipped with PoE Module. Also can be packaged with 1 RS485 Connector, 1 GPIO-IN Connectors, 1 Audio Line-in Connector.





INFRARED MINI DOME IP CAMERA


LUV420DIRPT	Infrared Mini Dome IP Camera, equipped with 1/3 inch SONY CCD, Horizontal Resolution of 420 TVL, Min. Illumination of 0Lux@F2.0, built-in 8mm (4mm, 6mm and 8mm selectable) Fixed Lens and LED Lights up to 20 meters Infrared Distance. -90° to 0° Tilt angle and 0 to 355° Pan angle with Limited Position, 12° /sec manual pan and tilt speed. Built-in multi-protocol PT decoder and Mini Microphone.	
LUV480DIRPT	Infrared Mini Dome IP Camera, equipped with 1/3 inch SONY CCD, Horizontal Resolution of 480 TVL, Min. Illumination of 0Lux@F2.0, built-in 8mm (4mm, 6mm and 8mm selectable) Fixed Lens and LED Lights up to 20 meters Infrared Distance. -90° to 0° Tilt angle and 0 to 355° Pan angle with Limited Position, 12° /sec manual pan and tilt speed. Built-in multi-protocol PT decoder and Mini Microphone.	
LUV520DIRPT	Infrared Mini Dome IP Camera, equipped with 1/3 inch SONY CCD, Horizontal Resolution of 520 TVL, Min. Illumination of 0Lux@F2.0, built-in 8mm (4mm, 6mm and 8mm selectable) Fixed Lens and LED Lights up to 20 meters Infrared Distance. -90° to 0° Tilt angle and 0 to 355° Pan angle with Limited Position, 12° /sec manual pan and tilt speed. Built-in multi-protocol PT decoder and Mini Microphone.	

REMARK: All above models can be equipped with PoE Module.

INTELLIGENT MEDIUM SPEED IP DOME CAMERA




LUV16XMSD	Intelligent Medium Speed IP Dome Camera, equipped with 1/4 CCD LG Zoom Camera, Horizontal Resolution of 480 TVL and Min. Illumination of 1Lux@F1.4, 16X Optical Zoom (f=3.9mm to 62.4mm) and 10X Electronic Zoom, Auto Focus and Auto Iris, -90° to 0° Tilt Angle and 360° continuous Pan Angle, 0 to 40° /sec manual pan speed and 0 to 80° /sec manual tilt speed, 64 presets and 6 programmable pattern tours, AC 24V Power Input.	
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LUV22XMSD	Intelligent Medium Speed IP Dome Camera, equipped with 1/4 CCD HITACHI Zoom Camera, Horizontal Resolution of 480 TVL and Min. Illumination of 1Lux@F1.4, 22X Optical Zoom (f=4.0mm to 88.0mm) and 12X Electronic Zoom, Auto Focus and Auto Iris, -90° to 0° Tilt Angle and 360° continuous Pan Angle, 0 to 40° /sec manual pan speed and 0 to 80° /sec manual tilt speed, 64 presets and 6 programmable pattern tours, AC 24V Power Input.	
LUV18XMSD	Intelligent Medium Speed IP Dome Camera, equipped with 1/4 CCD SONY Zoom Camera, Horizontal Resolution of 480 TVL and Min. Illumination of 1Lux@F1.4, 18X Optical Zoom (f=4.1mm to 73.8mm) and 12X Electronic Zoom, Auto Focus and Auto Iris, -90° to 0° Tilt Angle and 360° continuous Pan Angle, 0 to 40° /sec manual pan speed and 0 to 80° /sec manual tilt speed, 64 presets and 6 programmable pattern tours, AC 24V Power Input.	
LUV23XMSD Premium	Intelligent Medium Speed IP Dome Camera, equipped with 1/4 CCD HITACHI Zoom Camera, Features Progressive Scan and WDR Function, Horizontal Resolution of 540 TVL (color) / 570 TVL (W/B) , Min. Illumination of 1Lux@F1.4 (normal) and 0Lux (IR Model), 23X Optical Zoom (f=3.6-82.8mm) and 12X Electronic Zoom, Auto Focus and Auto Iris, -90° to 0° Tilt Angle and 360° continuous Pan Angle, 0 to 40° /sec manual pan speed and 0 to 80° /sec manual tilt speed, 64 presets and 6 programmable pattern tours, AC 24V Power Input.	
LUV318XMSD Premium	Intelligent Medium Speed IP Dome Camera, equipped with 1/3 inch CCD HITACHI Zoom Module Camera, Horizontal Resolution of 540 TVL and Min. Illumination of 0.25Lux@F1.4, 18X Optical Zoom (f=4.7mm to 84.6mm), Auto Focus and Auto Iris, Tilt Angle Rang of -90° to 0° and Pan Angle Rang of 360° continuous, Manual Pan Speed of 0 to 40° /sec and Manual Tilt Speed of 0 to 80° /sec, 64 presets and 6 programmable pattern tours, DC 12V Power Input.	

<p>LUV35XMSD Premium</p>	<p>Intelligent Medium Speed IP Dome Camera, equipped with 1/4 CCD HITACHI Zoom Camera, Features Progressive Scan and WDR Function, Horizontal Resolution of 540 TVL (color) / 570 TVL (W/B), Min. Illumination of 1Lux@F1.4 (normal) and 0Lux (IR Model), 35X Optical Zoom (f=3.4-119mm) and 12X Electronic Zoom, Auto Focus and Auto Iris, -90° to 0° Tilt Angle and 360° continuous Pan Angle, 0 to 40° /sec manual pan speed and 0 to 80° /sec manual tilt speed, 64 presets and 6 programmable pattern tours, AC 24V Power Input.</p>	
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REMARK: All above models can be equipped with PoE Module. Also can be packaged with 1 RS485 Connector, 1 GPIO-IN Connectors, 1 Audio Line-in Connector.


INTELLIGENT HIGH SPEED IP DOME CAMERA

<p>LUV16XHSD</p>	<p>Intelligent High Speed IP Dome Camera, equipped with 1/4 CCD HITACHI Zoom Camera, Horizontal Resolution of 480 TVL and Min. Illumination of 1Lux@F1.4, 22X Optical Zoom (f=4.0mm to 88.0mm) and 12X Electronic Zoom, Auto Focus and Auto Iris, -90° to 0 Tilt Angle and 0 to 360° continuous Pan Angle, 0 to 90° /sec manual pan speed and 0 to 240° /sec manual tilt speed, 64 presets and 6 programmable pattern tours, AC 24V Power Input.</p>	
<p>LUV22XHSD</p>	<p>Intelligent High Speed IP Dome Camera, equipped with 1/4 CCD HITACHI Zoom Camera, Horizontal Resolution of 480 TVL and Min. Illumination of 1Lux@F1.4, 22X Optical Zoom (f=4.0mm to 88.0mm) and 12X Electronic Zoom, Auto Focus and Auto Iris, -90° to 0 Tilt Angle and 0 to 360° continuous Pan Angle, 0 to 90° /sec manual pan speed and 0 to 240° /sec manual tilt speed, 64 presets and 6 programmable pattern tours, AC 24V Power Input.</p>	
<p>LUV18XHSD</p>	<p>Intelligent High Speed IP Dome Camera, equipped with 1/4 EX-view HAD CCD SONY Zoom Camera, Horizontal Resolution of 480 TVL and Min. Illumination of 0.7Lux@F1.4, 18X Optical Zoom (f=41.0mm to 73.8mm) and 12X Electronic Zoom, Auto Focus and Auto Iris, -90° to 0 Tilt Angle and 0 to 360° continuous Pan Angle, 0 to 90° /sec manual pan speed and 0 to 240° /sec manual tilt speed, 64 presets and 6 programmable pattern tours, AC 24V Power Input.</p>	

<p>LUV23XHSD Premium</p>	<p>Intelligent High Speed IP Dome Camera, equipped with 1/4 CCD HITACHI Zoom Camera, Features Progressive Scan and WDR Function, Horizontal Resolution of 540 TVL (color) / 570 TVL (W/B), Min. Illumination of 1Lux@F1.4 (normal) and 0Lux (IR Model), 23X Optical Zoom (f=3.6-82.8mm) and 12X Electronic Zoom, Auto Focus and Auto Iris, -90 ° to 0 Tilt Angle and 0 to 360 ° continuous Pan Angle, 0 to 90 ° /sec manual pan speed and 0 to 240 ° /sec manual tilt speed, 64 presets and 6 programmable pattern tours, AC 24V Power Input.</p>	
<p>LUV318XHSD Premium</p>	<p>Intelligent High Speed IP Dome Camera, equipped with 1/3 inch CCD HITACHI Zoom Module Camera, Horizontal Resolution of 540 TVL and Min. Illumination of 0.25Lux@F1.4, 18X Optical Zoom (f=4.7mm to 84.6mm), Auto Focus and Auto Iris, Tilt Angle Rang of -90 ° to 0, and Pan Angle Rang of 360 ° continuous, Manual Pan Speed of 0 to 90 ° /sec and Manual Tilt Speed of 0 to 240 ° /sec, 64 presets and 6 programmable pattern tours, DC 12V Power Input.</p>	
<p>LUV35XHSD Premium</p>	<p>Intelligent High Speed IP Dome Camera, equipped with 1/4 CCD HITACHI Zoom Camera, Features Progressive Scan and WDR Function, Horizontal Resolution of 540 TVL (color) / 570 TVL (W/B), Min. Illumination of 1Lux@F1.4 (normal) and 0Lux (IR Model), 35X Optical Zoom (f=3.4-119mm) and 12X Electronic Zoom, Auto Focus and Auto Iris, -90 ° to 0 Tilt Angle and 0 to 360 ° continuous Pan Angle, 0 to 90 ° /sec manual pan speed and 0 to 240 ° /sec manual tilt speed, 64 presets and 6 programmable pattern tours, AC 24V Power Input.</p>	


REMARK: All above models can be equipped with PoE Module. Also can be packaged with 1 RS485 Connector, 1 GPIO-IN Connectors and 1 Audio Line-in Connector.

IP NETWORK VIDEO SERVER

<p>LUV200NVS</p>	<p>IP Network Video Server, 1 channel 75ohm 1.0Vp-p Complex Video Signal Input. Extended with 1 Bi-directional Line Audio Connector. Packaged in 1 RS485 Connector 3 GPIO-IN Connectors and 2 GPIO-OUT Connectors. DC12V Power Input.</p>	
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REMARK: All above models can be equipped with PoE Module.

IP NETWORK VIDEO DECODER

LUV500NVD	IP Network Video Decoder , 1 channel 75ohm 1.0Vp-p Complex Video Signal Output. Extended with 1 Bi-directional Line Audio Connector. Packaged in 3 GPIO-IN Connectors and 2 GPIO-OUT Connectors, 1 RS485 Connector and 1 RS232 or AD Connector. DC12V Power Input.	
REMARK: All above models can be equipped with PoE Module.		

MEGAPIXEL IP CAMERA

SYSTEM FEATURES

- ✧ High Resolution 1/2.5 inch 5 megapixel progressive scanning CMOS image sensor, Effective Pixels up to 2592H*1944V
- ✧ The image quality can reach the Broadcast-quality, the Horizontal Resolution is up to 1080TVL (or 720TVL).
- ✧ 1080P (1920*1080/30fps) (or 720P (1280*720/30fps)) real-time video streaming, supporting dual-stream
- ✧ True ISO standard H.264 Main Profile @ Level 4.1 dual-stream output
- ✧ Support SD/SDHC storage alarming HD picture and video storage (Only for Box Megapixel IP Camera)
- ✧ 10-100M based-T RJ45 interface, compatible with PoE (Power over Ethernet)
- ✧ Support SDIO WiFi 54 Mbps Wireless Connecting (optional). (Only for Box Megapixel IP Camera)
- ✧ Support 1080P (or 720P), D1, VGA and CIF Resolution
- ✧ Support FTP recording function
- ✧ Support 1080P (or 720TVL)+CIF dual-stream, browsing and storage do not impact each other.
- ✧ Built-in WEB Server, enable you to browse and manage via web browser
- ✧ Support Motion Detection, alarming linkage
- ✧ Support Digital Watermark superimposition, the record file can not be modified easily
- ✧ Support dual channels, video streaming over Ethernet and analog video output can work stable at the same time. (Only for Box Megapixel IP Camera)
- ✧ Support standard alarming output interface, Bi-directional audios, RS485 interface and YPbPr high-definition analog output (Only for Box Megapixel IP Camera)
- ✧ Support PPPoE dial-up and DDNS domain name system
- ✧ Support UPnP protocol, enable you to easily search and manage the network Camera
- ✧ Fully compatible with LUV800 Central Management platform software
- ✧ Software control: IE, Client software, Central management platform
- ✧ Record: Real-time record, Alarm record
- ✧ Alarm detection: Motion detection, Video lost, Lens block, Sensing linkage
- ✧ Alarm-triggered function: SD Card/USB mobile hard disk recording storage (Only for Box Megapixel IP Camera), Alarming relay output, FTP or Email Notification, Client alarm and linkage holder

PRODUCT PARAMETERS

VIDEO AND AUDIO PROCESSING

- ✧ Compression format: Standard H.264 Main Profile @ Level 4.1
- ✧ Maximum digital image resolution: Full HD1080P (1920 x 1080/30fps) or 720P (1280 X 720/30fps)
- ✧ Compression resolution: Full HD1080P (1920 x 1080) PAL: 720P (1280 X 720), Full D1(720 X 576), VGA (640 X 480), CIF (352 X 288) PAL: 25fps, NTSC: 30fps
- ✧ Bit rate adjustment: Variable Bit Rate (VBR) or Constant Bit Rate (CBR)
- ✧ Image parameter adjustment: Quality, Contrast, Brightness, Hue and Saturation
- ✧ Caption Overlay: Support date and time texts superimposed on image and the positions of the texts can be adjusted.

AUDIO INTERFACES SELECTABLE

- ✧ Audio compression: >MP2, AAC (Optional)
- ✧ Audio encoded bandwidth: 32kbps
- ✧ Built-in mini microphone

ETHERNET INTERFACES

- ✧ Ethernet type: 10/100 Base-TX compatible with PoE (IEEE802.3af)
- ✧ Protocols: TCP/IP, HTTP, SNMP, UpnP, ARP, ICMP, DHCP, FTP, UDP, DNS, DDNS, SMTP, NTP, Static IP, RTSP/RTMP (Optional)
- ✧ Number of clients: H.264: 10



INTERFACES

- ✧ Analog video output: YpbPr/CVBS high definition analog video output (Only for Box Megapixel IP Camera)
- ✧ Network interface: RJ45 x 1, 10/100 Base-TX compliant with PoE (IEEE802.3af)
- ✧ Storage interface: SD/SDHC card x 1, Wireless LAN SDIO WiFi (optional). (Only for Box Megapixel IP Camera)
- ✧ USB interface: Only for Box Megapixel IP Camera
- ✧ Alarm input/output: Yes. Only for Box Megapixel IP Camera
- ✧ Audio output: line-out x 1. Only for Box Megapixel IP Camera
- ✧ Audio input: line-in x 1. Only for Box Megapixel IP Camera
- ✧ Communication control: RS485 x 1
- ✧ Power supply input: 1 power supply input (DC12V, less than 300mA), 1 switching output

SYSTEM REQUIREMENTS



- ✧ Operating system: Microsoft Windows 2000/ XP/ Vista
- ✧ Processor: Intel Pentium IV 2.0 GHz or higher
- ✧ Memory: RAM: 1GB or more
- ✧ Web browser: Microsoft Internet Explorer Version 5.5 or higher

MODEL	SPECIFICATION	PICTURE
BOX MEGAPIXEL IP CAMERA		

LUM701HDB	Box Megapixel IP Camera, Equipped with 1/2.5 inch 5 megapixel progressive scanning CMOS image sensor, Horizontal Resolution of 720TVL with progressive scanning, Minimum Illumination of 0.5 Lux, True ISO Standard H.264 Main Profile @ Lever 4.1 Dual-stream and Maximum Pixels up to 720P (1280*720/30fps), Support YpbPr/CVBS high definition analog video output, Support SD/SDHC Card, USB Mobile Hard Disc and Wireless LAN SDIO WiFi (optional) Interface. DC12V/300mA or PoE (Optional)	
LUM702HDB	Box Megapixel IP Camera, Equipped with 1/2.5 inch 5 megapixel progressive scanning CMOS image sensor, Horizontal Resolution of 1080TVL with progressive scanning, Minimum Illumination of 0.5 Lux, True ISO Standard H.264 Main Profile @ Lever 4.1 Dual-stream and Maximum Pixels up to 1080P (1920*1080/30fps), Support YpbPr/CVBS high definition analog video output, Support SD/SDHC Card, USB Mobile Hard Disc and Wireless LAN SDIO WiFi (optional) Interface. DC12V/300mA or PoE (Optional)	

REMARK: All above models can be equipped with PoE Module and WiFi Moudle.

MEGAPIXEL IP DOME CAMERA

LUM801HDD	Megapixel Fixed IP Dome Camera, Equipped with 1/2.5 inch 5 megapixel progressive scanning CMOS image sensor, Horizontal Resolution of 720TVL with progressive scanning, Minimum Illumination of 0.8 Lux, True ISO Standard H.264 Main Profile @ Lever 4.1 Dual-stream and Maximum Pixels up to 720P (1280*720/30fps), DC12V/300mA.	
LUM802HDD	Megapixel Fixed IP Dome Camera, Equipped with 1/2.5 inch 5 megapixel progressive scanning CMOS image sensor, Horizontal Resolution of 1080TVL with progressive scanning, Minimum Illumination of 0.8 Lux, True ISO Standard H.264 Main Profile @ Lever 4.1 Dual-stream and Maximum Pixels up to 1080P (1920*1080/30fps), DC12V/300mA.	

WIRELESS IP CAMERA

SYSTEM FEATURES

- ✧ **Infrared Night Vision:** Equipped with high performance infrared LEDs which can provide invisible infrared light in total dark environments. The intelligent photosensitive sensor can automatically turn on the LEDs in a certain low light condition. What is more, you can select "moonlight view" which superimposes frames together to enhance video quality suitable for low light condition (frame integration).
- ✧ **Quickly And Easily To Setup:** Due to unique flexible network connectivity, you no longer have to be a professional technician to install and set up wireless IP Camera. The simple and friendly setup wizard and convenient web-based GUI (Graphical User Interface) allow you to easily connect to wireless IP camera anywhere, anytime.
- ✧ **High Quality Video And Built-in Microphone For Synchronized Audio:** The Wireless IP Camera can deliver video streaming at a maximum frame rate of 30fps at up to 640x480 pixels resolution, therefore allowing clear and smooth images to be viewed via the internet. The frame rate and bit rate can be automatically adjusted according to your available bandwidth.
- ✧ **Motion Detection Alerts Via Email:** The Wireless IP Camera comes with useful alarm tools that will keep you notified if any motion is detected. It has built-in functions that can generate alarm triggers via email and by uploading images straight to a website. Unlike conventional activity detection, the Wireless IP Camera uses vector information to detect motion, therefore achieving better reliability against false alarms.
- ✧ **Monitor And Record Live Video And Audio From Anywhere:** You can view live video with sound from virtually anywhere in the world as long as you have a computer running Internet Explorer and an Internet connection. With the simple push of a button, you can take snapshots and record video directly onto your computer hard drive.
- ✧ **MPEG4 Compression For Reduced Bandwidth And Storage:** Distinguishing many cheaper models in the market, the Wireless IP Camera utilizes the high performance MPEG4 compression format. It is only such a valuable chipset that the wireless IP Camera achieves high compression ratios, and allows smooth moving video to be streamed over lower bandwidth connections.
- ✧ **Mobile Viewing:** Supporting MJPEG and 3GPP, the camera will provide a live view from multiple platforms including Apple Macs and mobile devices including iPhone. The live stream of wireless IP camera can be viewed by using a mobile phone running VLC players like RealPlayer and Quicktime.
- ✧ **Multi-client Access And Password Protection:** Supporting up to 10 simultaneous remote users allows easy and efficient video conferencing with minimum setup. Password protection also ensures no one able to access the cameras without authorization.
- ✧ **Secured Wireless Connectivity:** The Wireless IP Camera can connect directly to a local area network and even the Internet, either over Wireless networking connectivity (IEEE802.11b/g), or over 10/100 base-T with the common network cable compliant with T568B wiring standard. The Wireless IP Camera utilizes encryption methods such as WEP, and even the more powerful WPA and WPA2, make sure that wireless IP camera would only be accessed by users authorized.
- ✧ **Easy to Mount:** The Wireless IP Camera can be wall-mounted, ceiling-mounted or placed on a flat surface using the supplied camera stand.

PRODUCT PARAMETERS

VIDEO AND AUDIO PROCESSING

- ◇ Image compression: MPEG-4, MJPEG
- ◇ Image resolution: Full Screen, 640x480(VGA), 320x240(QVGA), 160x120(QQVGA)
- ◇ Max. frame rate: 30fps at 640x480
- ◇ Audio compression: ADPCM
- ◇ Built-in microphone Electret Condenser Microphone
- ◇ Simultaneous viewers: 10
- ◇ Authentication ID/Password, Administrator/General User (Up to 64)

NETWORK PROTOCOL

- ◇ Network protocols: TCP, UDP, IP, ARP ,ICMP, DHCP, DNS, HTTP, FTP, SMTP, NTP, PPPoE, DDNS
- ◇ UPnP - Automatic discovery and configuration
- ◇ Stream Type: HTTP/RTSP/RTP/RTCP, 3GPP, MP4
- ◇ Network connection: Ethernet (10BASE-T/100BASE-TX)

WIRELESS LAN

- ◇ Wireless technology: IEEE802.11b/g
- ◇ Frequency: 2.412-2.462GHz
- ◇ Transmission speed: 54Mbps / 22Mbps / 11Mbps/ 5.5Mbps / 2Mbps / 1Mbps (Auto Switch)
- ◇ Security: WEP (64/128 bit), WPA1-PSK (AES/TKIP), WPA2-PSK (AES/TKIP)

GENERAL

- ◇ Power requirements: DC 5V
- ◇ Power consumption: 3.75W
- ◇ Operating temperature: -15 to +45 Centigrade degree
- ◇ Storage temperature: -20 to +60 Centigrade degree
- ◇ Operating humidity 20-95%RH (Non-condensing)
- ◇ Storage humidity 20-95%RH (Non-condensing)
- ◇ (Non-condensing) Weight: 150g (Main Body)
- ◇ Dimensions: (W x D x H) 85mm x 85mm x 30mm

SYSTEM REQUIREMENTS

- ◇ Operating system Windows 2000/XP/Vista
- ◇ Processor Intel Pentium III, 800MHz or Higher
- ◇ Memory 128MB RAM Minimum
- ◇ Web browser Microsoft Internet Explorer Version 5.5 or Later

MODEL	SPECIFICATION	PICTURE
WIRELESS IP CAMERA		

LUW601W	Wireless IP Camera, 1/4 CMOS Image Sensor, 310000 Total Pixels, Mini. Illumination of 1 Lux, Built-in 4mm fixed lens, Infrared Distance up to 12M, Built-in Microphone, Compliant with IEEE 802.11b/g Wireless Standard, Support Live video and audio via 3G Mobile Phone, Motion Detection Alert via Email and FTP, Support TF/SD Card and Max. capability up to 32GB, Support Digital I/O port for external device.	
LUW601S	Wireless IP Camera, 1/4 CMOS Image Sensor, 310000 Total Pixels, Mini. Illumination of 1 Lux, Built-in 4mm fixed lens, Infrared Distance up to 12M, Built-in Microphone, Compliant with IEEE 802.11b/g Wireless Standard, Support Live video and audio via 3G Mobile Phone, Motion Detection Alert via Email and FTP, Support TF/SD Card and Max. capability up to 32GB, Support Digital I/O port for external device.	
LUW601B	Wireless IP Camera, 1/4 CMOS Image Sensor, 310000 Total Pixels, Mini. Illumination of 1 Lux, Built-in 4mm fixed lens, Infrared Distance up to 12M, Built-in Microphone, Compliant with IEEE 802.11b/g Wireless Standard, Support Live video and audio via 3G Mobile Phone, Motion Detection Alert via Email and FTP, Support TF/SD Card and Max. capability up to 32GB, Support Digital I/O port for external device.	
WATERPROOF AND DUSTPROOF INFRARED WIRELESS IP CAMERA		
LUW420IR	IP66 Waterproof and Dustproof Infrared Wireless IP Camera, Equipped with 1/3 inch SONY CCD, Horizontal Resolution of 420 TVL, Min. Illumination of 0Lux@F2.0, built-in 8mm (4mm, 6mm, 8mm and 12mm selectable) Fixed Lens and LED Lights up to 30 meters Infrared Distance. Built-in Microphone, Compliant with IEEE 802.11b/g Wireless Standard, Support Live video and audio via 3G Mobile Phone, Motion Detection Alert via Email and FTP, Support Digital I/O port for external device.	

LUW480IR	<p>IP66 Waterproof and Dustproof Infrared Wireless IP Camera, Equipped with 1/3 inch SONY CCD, Horizontal Resolution of 480 TVL, Min. Illumination of 0Lux@F2.0, built-in 8mm (4mm, 6mm, 8mm and 12mm selectable) Fixed Lens and LED Lights up to 30 meters Infrared Distance. Built-in Microphone, Compliant with IEEE 802.11b/g Wireless Standard, Support Live video and audio via 3G Mobile Phone, Motion Detection Alert via Email and FTP, Support Digital I/O port for external device.</p>	
LUW520IR	<p>IP66 Waterproof and Dustproof Infrared Wireless IP Camera, Equipped with 1/3 inch SONY CCD, Horizontal Resolution of 520 TVL, Min. Illumination of 0Lux@F2.0, built-in 8mm (4mm, 6mm, 8mm and 12mm selectable) Fixed Lens and LED Lights up to 30 meters Infrared Distance. Built-in Microphone, Compliant with IEEE 802.11b/g Wireless Standard, Support Live video and audio via 3G Mobile Phone, Motion Detection Alert via Email and FTP, Support Digital I/O port for external device.</p>	

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Luxviv Industrial Limited
January 2010, In China