

HOME & BUSINESS SECURITY

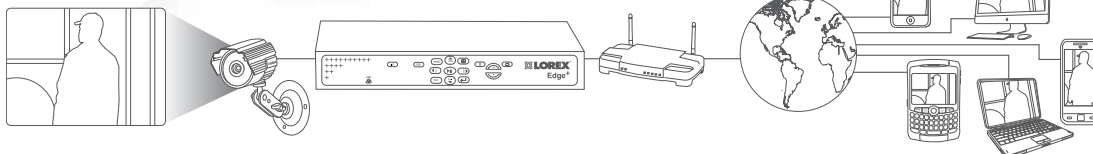
INTERNET & MOBILE CONNECTIVITY, H.264, DAY/NIGHT (4x4) 4 CHANNEL EDGE+ SECURITY CAMERA SYSTEM



Instant
Mobile
Viewing



Connect from anywhere in the world on any device[†].
Ideal for business or home.



iPhone



Blackberry™
& compatible 3G Smartphones[†]



PC



Mac

► CONNECT easily

Lorex Easy Connect Internet Setup Wizard will get you connected in 3 simple steps. Instant Mobile viewing while on the go with Blackberry™, iPhone™ and Windows Mobile smart-phones[†]. Use your web browser on your PC or Mac³.

► RECORD what happens

H.264 video compression and a large capacity hard disk provide weeks of recorded video. Backup data that is important to you with USB connectivity.

► VIEW everything

Monitor your property, indoors and outdoors, day or night with the included 4 night-vision weather proof cameras. Exceptional playback quality allows you to see and identify your critical events.

► PROTECT what matters

Your home or business are a priority. Gain peace of mind with a reliable recording solution, email alerts and instant connectivity.

The leading Edge in video security.

 **LOREX**[®]
CONNECT. PROTECT.

LH324 Edge+ Series

COMPONENT SURVEILLANCE SYSTEM

www.lorextechnology.com

INTERNET & MOBILE CONNECTIVITY, H.264, DAY/NIGHT (4x4) 4 CHANNEL EDGE+ SECURITY CAMERA SYSTEM

DIGITAL VIDEO RECORDER:

- EDGE design for stand alone or VESA mount (Wall & LCD)
- 3D graphics, crisp, color rich, high contrast video
- DVI/VGA output for display on LCD PC or TV monitor with DVI/VGA input. HDMI compatible•
- H.264 video compression ¹
- Pentaplex operation - View, Record, Playback, Back Up & Remotely Control the system simultaneously
- Record at VGA resolution (640 x 480) per channel.
- Video output (up to) 1280 x 1024 @ 60 Hz
- Small form factor (7.0x11.5x1.5")
- Expandable up to 2TB SATA HDD
- "Flex" IR controller (line-of-sight not required)
- USB: backup, image transfer, firmware upgrade, mouse
- Alarm Input/Output (4/1), 2 Audio Inputs/output
- PTZ cameras supported (RS485)
- Record on motion detection, schedule or continuous
- Navigation: Front controls, Mouse, Remote Control

CONNECTIVITY:

- LOREX Instant Mobile Viewing on iPhone™, Blackberry™, Windows® Mobile and other compatible 3G smart phones†
- Exclusive LOREX Easy Connect Internet Set-up Wizard ²
- PC (Microsoft Windows™ 7/Vista/XP compatible) using Internet Explorer® browser
- Apple Mac™ compatible using Safari browser for multi channel live viewing
- Free LOREX DDNS (Dynamic Domain Name Service) for advanced remote connectivity at all times
- Instant email alerts

CAMERAS:

- Resolution: 420 TV Lines
- 18 IR LEDs provides night vision range of 40ft (12m)**
- True Day/Night operation using built-in IR Filter Changeable Mechanism to achieve accurate color representation in changing lighting conditions
- Advanced Day/Night mode: picture automatically switches to B&W delivering better clarity in low light conditions
- Weatherproof Design: ideal for Outdoor and Indoor applications (IP66***)
- Ceiling , wall or counter mountable with versatile stand

1. Recording time may vary based on recording resolution & quality, lighting conditions and movement in the scene.

2. Requires a high speed internet connection and a router (not included).

• DVI to HDMI converter cable required. (not included).

† Instant Mobile Viewing on Blackberry™, iPhone™ or Windows Mobile™ 6.0 and above: selectable one channel live viewing. Mobile phone data plan is required (not included). Router port forwarding required. For the latest smart phone compatibility list check www.lorextechnology.com

†† Easily mounts to the back of an LCD monitor with VESA standard mounting holes and an independent stand (monitor not included). Requires clear access to the 100 x100 mm VESA mounting holes.

** IR illumination range of 40ft (12m) under ideal conditions. Objects at or beyond this range may be partially or completely obscured, depending on the camera application. Range and clarity vary depending on object reflection.

*** Not recommended for submersion in water. Installation under shelter is recommended.

Always use discretion when installing video and/or audio surveillance equipment especially when there is perceived privacy. Inquire regarding federal, state and/or local regulations applicable to the lawful installation of video and or audio recording or surveillance. Party consent may be required.

Microsoft Windows™ 7, XP™, Vista™ are trademarks of Microsoft Corporation. iPhone is a trademark of Apple Inc. Blackberry is a trade mark of Research In Motion Ltd. Other trademarks are the property of Lorex Technology Inc. We reserve the right to change models, configurations or specifications without notice or liability. Product may not be exactly as shown. Images are simulated.

VESA MOUNT

Easily mounts to the back of an LCD monitor (not included) †† (Requires clear access to the VESA mounting holes. Monitor not included).



Monitor not included. Pictures simulated.

 **LOREX**
CONNECT. PROTECT.

LH324 Edge+ Series

COMPONENT SURVEILLANCE SYSTEM

www.lorextechnology.com

Specifications:

DVR:

SYSTEM		PLAYBACK	
Operating System	Linux (embedded)	Playback Display	1,4 (4ch)
Pentaplex	Simultaneous View, Record, Playback, Backup & Remote Monitoring	Playback Speed	Variable up to 60x
Number of Channels	4	Playback Players	Apple QuickTime Player
Inputs/Outputs		Search	By time & event
Video IN	4 x 1Vp-p, 75ohms, BNC	STORAGE & ARCHIVE	
DVI Out	DVI compatible. DVI to VGA Converter included	Storage	Up to 1 HDD's (SATA)
Audio IN	2 Line in(RCA)	Maximum Capacity	Up to 2TB
Audio Out	2 line out(RCA)	Backup Media	USB Flash Drive (max 4GB)
USB Port	2 front & back	Backup File Format	MOV file (Codec included)
Alarm IN	4 x TTL, programmable as NC/NO	Bookmark Archiving	Supported
Alarm Out	1 x Relay with NO/NC contact	CONNECTIVITY	
PTZ control	By Terminal connector (RS485)	Easy Connect	1. Yoics Enabled (registration required) 2. Lorex Auto Port Forward Wizard
Display		Software	Web browser
Live Display	1 or 4 (4ch)	Supported Operating Systems	Windows™ XP, Vista, 7 and Apple Mac (via Safari browser)
Live Display Speed	120 (4ch) NTSC, 100 (4ch) PAL	Browsers	Internet Explorer, Safari
OSD	ON/OFF	Email notification	Text
OSD Navigation	USB Mouse, IR Remote Controller, Front Panel Controls	Mobile connectivity	Blackberry™ - 9000 Series and above, iPhone™ - 3.1.2 and above, Windows Mobile™ smart phones - 6.0 and above touch screen smart phones
Activity Detection	6 x 8 grid	DDNS	Free Lorex DDNS
Sensitivity levels	100	Web Server Port	Programmable by User
System Control	USB Mouse, Front Panel Controls, Handheld Remote Control	Network Protocol	LAN, DHCP, Dynamic IP, DDNS
Firmware Upgrade	Via USB device	Network Interface	10/100-Base-TX, RJ-45
User Authority	ADMIN/USER/GUEST	Network Speed Control	10 levels (28.8Kb ~ 1.5MB)/sec.
RECORDING		GENERAL	
Video Compression	H.264	Power Consumption	Approx. 30 watts
Audio Compression	ADPCM	Supply Voltage	120VAC-240VAC, 12VDC, 2.5A(4ch) 3A(8/16ch), 50/60Hz
Recording Speed & Resolution – 4 Channel:	120 fps (NTSC), 100 fps (PAL) @ 640 x 240 NTSC / 640 x 256 PAL 60 fps (NTSC), 50 fps (PAL) @ 640 x 480 NTSC / 640 x 512 PAL	Unit Dimensions (W x D x H)	11.6" / 290mm X 7.2" / 180mm X 1.67" / 41.8mm (W X D X H)
Recording Resolution Setting	Programmable per camera	Unit Weight (KGs)	1.15±0.1 kg/2.54±0.22 lbs (4ch) 1.45±0.1 kg/3.2±0.22 lbs (8/16ch)
Recording Quality Control	5 levels	Operating temperature	41° ~ 104° F / 5° ~ 40° C
Image Size	8.51 Kbyte (640x480, 640x512), 11.2 Kbyte (640x240, 640x256) 14.13 Kbyte (320x240, 320x256)	Humidity	10 ~ 75% NC
Recording modes	Continuous, motion, alarm		
Pre Recording	Max. 10 seconds		
Post Recording	Max. 255 seconds		
Alarm Recording	Programmable per camera		
Reliability	Watch-Dog, Auto-recovery after power failure		

BACK PANEL:



LH324 Edge+ Series

COMPONENT SURVEILLANCE SYSTEM

www.lorextechnology.com

Specifications:

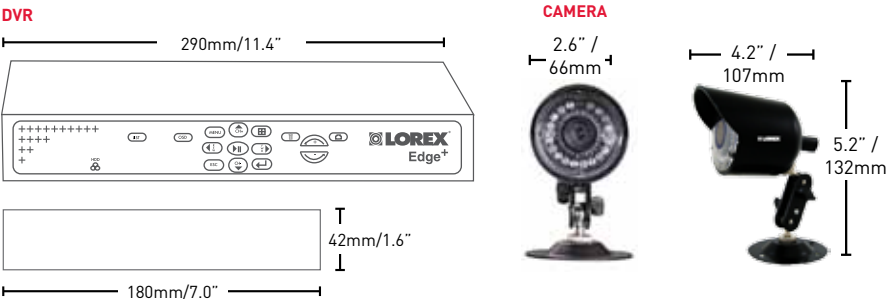
CAMERA (CVC6930):

Image Sensor:	1/4" Color Image Sensor
Video Format:	NTSC
Effective Pixels:	H: 640, V: 480
Resolution:	420 TV Lines
Scan System:	2:1 Interlace
Sync System:	Internal
S/N Ratio:	More than 40dB
Iris:	AES
AES Shutter Speed:	1/30~1/62,500 Sec
Minimum Illumination:	0.6 Lux without IR LED, 0 Lux with IR LED
Video Output:	Composite 1.0Vpp @ 75 ohm
Lens/ Lens Mount:	3.6m F1.8/Board Type
FOV (Diagonal):	64°
Termination:	BNC Type
IR LED/ Night Vision Range:	18 pieces / 940 nm / 40ft
Power Requirement:	12V DC
Power Consumption:	170 mA or 2W max
Operating Temp Range:	-10° ~ 50° C (-4°F ~ 122°F)
Environmental Rating:	IP 66

Camera Mounting Options



Dimensions:



Product Information:

Model#:	LH324501C4 Edge* with 500GB HDD & 4 Cameras in a Giftbox. UPC Code: 7-78597-32404-4
Weight:	6.1kg/13.4 lb
Cube:	0.02174m / 0.77648ft
Package Dimensions:	327mm x 325mm x 212mm / 12.9" x 12.9" x 8.4" (W x D x H)
Includes:	4 Channel DVR, HDD Pre-Installed, Remote Control & "Flex" IR controller, Power adaptors for DVR, Mouse, Ethernet Cable, DVI to VGA Converter, 4 x Cameras, 4 x Camera Stands, 4 x BNC to RCA Adaptors, 4 x 60ft BNC Extension Cables, 4 x Camera Power Adaptors (or 4 in 1 camera power adaptor), 2 screws (for key-hole style VESA mounting)

Lorex Technology Inc.

250 Royal Crest Court, Markham,
Ontario L3R 3S1
Canada.

3700 Koppers Street
Baltimore, Maryland 21227,
USA.

As our product is subject to continuous improvement, Lorex Technology & subsidiaries reserve the right to modify product design, specifications & prices without notice and without incurring any obligation. E&OE

©2010 Lorex Technology Inc.