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H.264 HIGH PERFORMANCE, INTERNET REMOTE VIEWING, DAY/NIGHT 8x4, 8x8
VIDEO SURVEILLANCE SYSTEM

Instant Mobile Viewing‡

Easy Connect Internet Remote Viewing

H.264   FLEX IR   LOREX DDNS

Easily Connects to a Monitor with a DVI/VGA Input.
HDMI Compatible*

LH318321C4

LH318321C8, LH318501C8, LH318321C8B

The Cutting Edge in Video Surveillance

- **CONNECT easily:** Connect to your PC monitor or TV with DVI/VGA input (HDMI compatible•). Ultra small form-factor and space-saving design allows you to conveniently mount the DVR to the back of an LCD monitor (VESA standard)†.

- **VIEW everthing:** 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.

- **RECORD what happens:** Advanced H.264 video compression maximizes high resolution recording on a security certified hard disk drive. Pentaplex operation allows you to view, record, playback, back up & remotely control the system simultaneously.

- **PROTECT what matters:** Connect anytime over the internet using a web browser, from anywhere in the world. Be notified by e-mail when events occur. An expandable solution to meet your future needs.

Protect what matters to you most with an advanced solution that is designed to give you peace of mind.

Monitor not included.
Pictures simulated.

LOREX

LH318 "Edge" Series   COMPONENT SURVEILLANCE SYSTEM

H.264 HIGH PERFORMANCE, INTERNET REMOTE VIEWING, DAY/NIGHT
VIDEO SURVEILLANCE SYSTEM

Digital Video Recorder:

- Stand alone network 8 channel DVR

- EDGE design for stand alone or VESA mount (Wall & LCD)

- 3D graphics, crisp, color rich, high contrast video

- DVI and VGA output for display on LCD PC monitor or TV with DVI/VGA input. DVI to VGA adapter included. HDMI compatible•

- H.264 compression for efficient file transfer & storage (up to 50% more than MPEG4)*

- Pentaplex operation - View, Record, Playback, Back Up & Remotely Control the system simultaneously

- View and record at VGA resolution (640 x 480) per channel

- Small form factor (7.0x11.5x1.5")

- Expandable up to 1TB "Security Certified" SATA HDD

- "FLEX" IR controller (line-of-sight not required)

- USB ports for backup, image transfer, firmware upgrade and mouse

- Alarm Input/Output (4/1), 2 Audio Inputs/Outputs

- Recording options: motion detection, schedule or continuous

- System menu in 17 languages including English, French and Spanish

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

Web Browser Remote Access Software:

- Internet Remote Functions****: View, Search & Playback, Back-up and Setup

- Web browsers supported: Internet Explorer and Firefox

- E-mail alerts with a snap-shot image attachment informs you when events occur

- Microsoft Windows XP™, Vista™ Compatible

- Lorex DDNS (Dynamic Domain Name System) service keeps you connected anywhere all the time

VESA MOUNT - CONNECTS TO BACK OF MONITOR

(Requires clear access to the VESA mounting holes. Monitor not included)

• DVI to HDMI converter cable required. (not included).
* Recording capacity may vary based on recording resolution & quality, lighting conditions and movement in the scene.
** 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.
**** Requires a high speed internet connection and router - not included.
† 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.
‡ Instant Mobile Viewing on an iPhone™ or Windows Mobile™ 6.0 and above: Selectable one channel live viewing. Mobile phone data plan is required (not included). Router port forwarding is required. Microsoft Windows™ Mobile, XP, Vista, 7 are trademarks of Microsoft Corporation. iPhone™ is a trademark of Apple Inc. 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.
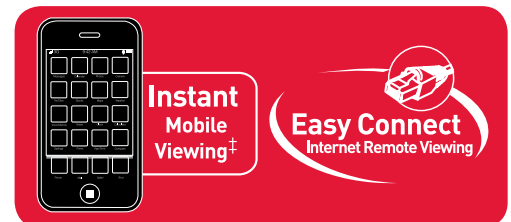
Easy Connect & Instant Mobile Viewing:

- Lorex Easy Connect Internet Remote Viewing using Internet Explorer web browser only. Hassle-free installation with no need to port-forward your router. Free firmware download is available from www.lorexcctv.com

- ‡ Instant Mobile Viewing on an iPhone™ using an iPhone™ App. Free download available from Apple™ Store under the name "Lorex Live". Compatible with iPhone™ version 3.1.2 and above. Selectable one channel live viewing. Mobile phone data plan is required (not included). Router port forwarding is required.

- ‡ Instant Mobile Viewing on Windows Mobile™ 6.0 and above (free download available from www.lorexcctv.com. Selectable one channel live viewing. Mobile phone data plan is required (not included). Router port forwarding is required.

Instant Mobile Viewing‡

Easy Connect Internet Remote Viewing

LH318 "Edge" Series

COMPONENT SURVEILLANCE SYSTEM

Specifications:

DVR:

LH318 "EDGE" SERIES

Image Size	7 Kbyte (1280x1024), 110 Kbyte (1280x1024)
Hard disk Capacity	Supports 1 HDD (Max 1000GB), 100% duty cycle
Operating System	Linux (embedded)
Back-up	USB Default (USB flash drive)
Back-up file Formats	MOV
Compression	H.264
Recording Resolution	NTSC: 640 x 240, 640 x 480, PAL: 640 x 256, 640 x 512
Recording Speed	120fps(NTSC)/100fps(PAL)
Record Scheduling	Daily, Weekly adjust specific Hr per channel
Pre/Post alarm recording	3~10 seconds (Pre); 1~255 sec.(Post), programmable
Event/Log search	Up to 4096 for alarm, motion, video loss, power loss
Playback	Single, Quad or 8 CH simultaneous
Video Inputs	8x 1Vp-p, 0.75ohms, BNC
Video Output	1 x DVI
Audio Inputs	2 x line-in, RCA
Audio Output	2 x line-out, RCA
Supply Voltage	120VAC-240VAC, 12VDC , 3A, 50/60Hz
Power Consumption	Approx. 30 watts
Operating Temp. Range	41°~104° F / 5° ~ 40° C
Alarm Inputs	4 x TTL, programmable as NC/NO
Alarm Outputs	1 x Relay with NO/NC contact
Activity Detection	8 x 6 grid, Sensitivity levels: 100
Unit Weight	1.45 kg/3.19 Lbs
Remote Functions	Live View, Live Recording, Search, Set-up, Back-up
Network Speed Control	10 levels (28.8Kb ~ 1.5MB)/sec.
Network Protocol	TCP/IP, DDNS and Web
Network Interface	10/100-Base-TX, RJ-45

CAMERA:

Image Sensor:	1/4" Color Image Sensor
Video Format:	NTSC
Effective Pixels:	H: 640, V: 480
Resolution:	420 TV Line
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
Mini Illumination:	0.6 Lux without IR LED, 0 Lux with IR LED
Video Output:	Composite 1.0Vpp @ 75 ohm
Lens/ Lens Mount:	
	CVC6940: 5mm F 2.8/ Fixed
	CVC6930: 3.6m F1.8/Board Type
FOV (Diagonal):	50 degrees
Termination:	BNC Type
IR LED/ Night Vision Range:	18 pieces / 940nm / 40ft
Power Requirement:	12Vdc
Power Consumption:	170 mA or 2W max
Operating Temp Range:	-10° ~ 50° C (-4°F ~ 122°F)
Environmental Rating:	IP 66

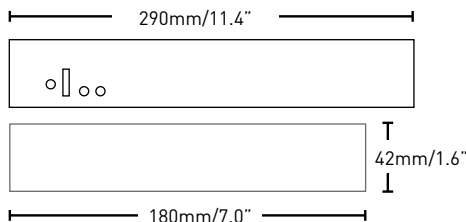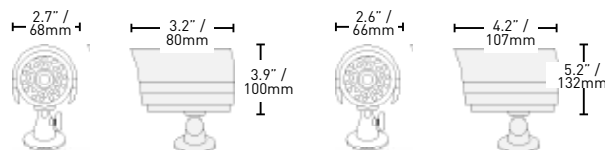# Product Information:

Model#:	**LH318321C4 Giftbox:** with 320GB HDD. UPC Code: 7-78597-31805-0 **LH318321C8 Giftbox:** with 320GB HDD. UPC Code: 7-78597-31807-4 **LH318501C8 Giftbox:** with 500GB HDD. UPC Code: 7-78597-31803-6 **LH318321C8B Brown Box:** with 320GB HDD. UPC Code: 7-78597-31804-3
Weight:	**LH318321C4:** 6.1kg/13.4 lbS **LH318321C8:** 9.6kg/21.2 lbs **LH318501C8:** 9.6kg/21.2 lbs **LH318321C8B:** 9.9kg/21.8 lbS
Cube:	**LH318321C4:** 0.02174m / 0.77648ft **LH318321C8:** 0.035m / 1.25ft **LH318501C8:** 0.035m / 1.25ft **LH318321C8B:** 0.04576m / 1.63445ft
Package Dimensions:	**LH318321C4 Giftbox:** 327mm x 325mm x 212mmw 12.9" x 12.9" x 8.4" (W x D x H) **LH318321C8:** 320mm x 349mm x 317mm 12.6" x 13.7" x 12.5" (W x D x H) **LH318501C8:** 320mm x 349mm x 317mm 12.6" x 13.7" x 12.5" (W x D x H) **LH318321C8B Brown box:** 327mm x 424mm x 327mm 12.9" x 16.7" x 12.9" (W x D x H)
Includes:	DVR, HDD Pre-Installed, Remote Control & "Flex" IR controller, Power adaptors for DVR, Mouse, Ethernet Cable, 4 or 8 x Cameras, 4 or 8 x Camera Stands, 4 or 8 x BNC to RCA Adaptors, 4 or 8 x 60ft BNC Extension Cables, 4 or 8 x Camera Power Adaptors (or 2 x 4 in 1 camera power adaptor), 2 screws (for key-hole style VESA mounting)

Dimensions:

DVR

290mm/11.4"

42mm/1.6"

180mm/7.0"

CAMERA: CVC6940

2.7" / 68mm

3.2" / 80mm

3.9" / 100mm

CVC6930

2.6" / 66mm

4.2" / 107mm

5.2" / 132mm

Back Panel:

Audio In   Alarm I/O   USB

Video In   Audio Out   DVI   LAN   IR 12V DC

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