



SECURITY CAMERA SYSTEM

KEEP IN TOUCH STAY CONNECTED



- HIGH DEFINITION HDMI OUTPUT
- MULTI-TOUCH INTERFACE
- INTERNET MONITORING ON PC & MAC
- MOBILE CONNECTIVITY
- SLIM EDGE2 DESIGN
- FLEXIBLE INSTALLATION

VANTAGE

LH330 Edge2 Series

www.lorextechnology.com



SECURITY CAMERA SYSTEM

HDTV-READY

High Definition interface with HDMI output for easy connection to a TV.

INTUITIVE TOUCH NAVIGATION

High resolution viewing and exceptional playback.

PROFESSIONAL-GRADE VIDEO SURVEILLANCE

An expandable system that you can depend on.

ANTI-GLARE TECHNOLOGY

Get clear images under any lighting conditions.

SLIM YET POWERFUL

Powerful performance in a compact size. The smallest full-featured DVR in the market.

KEEP IN TOUCH WITH YOUR WORLD

Use your smartphone, tablet, PC, or Mac to connect, view and control your system.

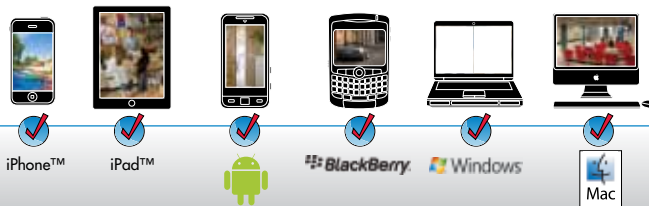
EASE OF USE, END TO END

Internet setup wizard, triple touch operation and dedicated Apps give you the peace of mind at the tip of your fingers.



Touch Monitor not included.

REMOTE CONNECTIVITY & COMPATIBILITY*



* For latest Smartphones and Tablets compatibility list and free App download check www.lorextechnology.com†

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SECURITY CAMERA SYSTEM

ADDITIONAL FEATURES (DVR):

- Detail you can count on day and night. HD output (HDMI) with exceptional playback quality.
- Keep in Touch with your world. Use your smart phone, tablet, PC or Mac to connect , view and control your system.
- Reliability you can depend on. Powerful performance in a compact size.
- Slim yet powerful. The smallest full-featured DVR in the market.
- Ease of use, end to end. Internet setup wizard, touch operation and dedicated Apps give you the peace of mind at the tip of your fingers.
- Finger -tip operation. Point, Tap, scroll and swipe to control your DVR.
- Backup critical video the way that suits you best. USB external storage or remotely to your tablet or PC. Swipe-to-Switch. Dynamic allocation of camera position in live viewing mode.
- Scroll-to-Search. Unique event log search while viewing playback footage for an efficient review of events that happened in the course of a day.



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SECURITY CAMERA SYSTEM

DIGITAL VIDEO RECORDER:

- HDMI output in full 1080p – simple connection to HDTVs¹
- Triple Touch Technology using a touch screen monitor², Light touch front panel controls, smartphones / tablets
- 24x7 100% duty cycle HDD
- Pentaplex operation - View, Record, Playback, Backup & Remotely control the system simultaneously
- Recording options : Motion, schedule or continuous
- Small form factor (11.6 x 6.5 x 1.3")
- 3 x USB 2.0 ports (mouse, touch monitor, backup, firmware upgrade)
- VESA Mount (easily mounts to the back of an LCD monitor) ††
- "Flex" IR extender for remote control (line-of-sight not required)
- Swipe-to-Switch dynamic allocation of camera location in live viewing
- Intuitive search at your finger tips with multi-channel preview second by second
- Scroll-to-Search through recorded event list with image preview
- Covert camera feature allows the DVR administrator to monitor cameras while hiding them for regular users.
- Multi-language interface (21 languages supported)
- PTZ cameras supported (RS485)

CONNECTIVITY

- Instant Mobile Viewing on compatible Smartphones†
- Dedicated iPad™ app with multi-channel live viewing, playback, backup & setup.
- Exclusive LOREX Easy Connect Internet Set-up Wizard³
- Lorex Edge Client Software:
 - PC (Microsoft Windows™ 7/Vista/XP compatible) using client software (included) & web browser.
 - Mac remote client software (included)
- Free LOREX DDNS (Dynamic Domain Name Service) for advanced remote connectivity at all times
- Instant e-mail alerts with snap shot attachments and web link

COMPLIANCE:

- CEC energy efficient power adapter
- Energy efficient HDD
- ROHS
- Industry standard video inputs (BNC) and outputs (HDMI, VGA)

VESA MOUNT

†† Easily mounts to the back of an LED or LCD monitor (requires clear access to the VESA mounting holes)

VANTAGE**LH330 Edge2 Series**

SECURITY CAMERA SYSTEM



VIEW YOUR WORLD - IN SUPER+ RESOLUTION.

- LONG RANGE BRIGHT-NIGHT Viewing
- WIDE-ANGLE COVERAGE
- TRUE COLOR PICTURE

A SUPER+ RESOLUTION PERSPECTIVE

Detail you can count on Day & Night

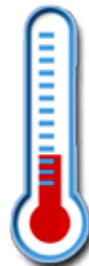
CLOSE-UP RECOGNITION IN THE DARK

Auto-light compensation sensory prevents wash-out effect enabling facial identification.

RELIABILITY IN THE EXTREME

Advanced camera operation coupled with patented ImageCool™ Technology ensures optimal performance in extreme temperatures (-22° ~ 122°F).

Extreme Temperature Performance
 (-22° ~ 122°F / -30° ~ 50°C)



FEATURES

- Super+ resolution with megapixel optics delivering crystal clear video at 660TVL lines of resolution
- BrightNight viewing with enhanced low-light image sensor
- Close-up recognition at night with auto-light compensation prevents wash-out effect
- Anti-glare feature ensures clear images under strong lighting conditions
- Accurate colors with Lorex's automatic light filtering technology
- Reliable camera operation coupled with patented ImageCool™ technology ensures optimal performance in extreme temperatures (-22° ~ 122°F / -30° ~ 50°C)
- Long range infrared (IR) night vision 100ft (30m)⁴
- Split glass design minimizes IR reflection
- 3.6mm wide-angle lens captures a 78° Field of View (diagonal)⁶
- Day / Night mode: picture automatically switches to B&W delivering better clarity in low light conditions
- Versatile mounting options: ceiling, counter or wall mountable
- Weatherproof design: ideal for indoor and outdoor applications (IP66)⁵

COLOR REPRODUCTION

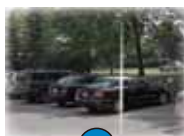


Typical Camera



Accurate Colors with Exclusive Infrared Filter Technology

ANTI-GLARE



Typical Camera



With Anti-glare Technology

NIGHT VISION

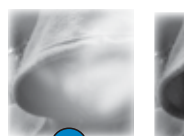


Typical Night Vision Camera



Improved Night Vision with BrightNight

CLOSE-UP RECOGNITION



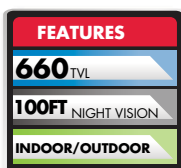
Typical Night Vision Camera



No Wash-out Effect with Auto Light Compensation

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SECURITY CAMERA SYSTEM



VIEW YOUR WORLD - IN SUPER RESOLUTION.

- ▶ BRIGHT-NIGHT VIEWING
- ▶ SHARP VIDEO DAY AND NIGHT
- ▶ CLOSE-UP RECOGNITION IN THE DARK

SUPER RESOLUTION

Delivering 600TV lines of detailed video with vibrant colors

DESIGNED TO BLEND

Compact shape and design gives it a discreet appearance

FLEXIBLE INSTALLATION OPTIONS

Ceiling and wall mountable

FEATURES

- Super resolution with enhanced optics delivering crystal clear video at 600TV lines of resolution
- BrightNight viewing for clearer and brighter night time video
- Close-up recognition at night with auto-light compensation prevents wash-out effect
- Anti-glare feature ensures clear images under strong lighting conditions
- Accurate colors with Lorex's automatic light filtering technology
- Night vision up to 50ft (15m) away in total darkness ⁴
- See the bigger picture with 3.6mm wide angle view lens (78° FOV) ⁶



SPECIFICATIONS

DVR:

SYSTEM

| | |
|---------------------|--|
| Operating System: | Linux (embedded) |
| Pentaplex: | Simultaneous View, Record, Playback, Backup & Remote Configuration |
| Number of Channels: | 8 Channel |

Inputs/Outputs

| | |
|--------------|-----------------------------|
| Video In: | 8 x 1Vpp, CVBS, 75ohms, BNC |
| VGA Out: | VGA compatible |
| HDMI Out: | HDMI compatible |
| Audio In: | 1 Line in(RCA) |
| Audio Out: | 1 line out(RCA) |
| USB Port: | 2 front & 1 back |
| PTZ Control: | RS485 |

Display

| | |
|---------------------|---|
| Live Display: | 1 or 4 or 9 (8ch) |
| Live Display Speed: | 240/480 (8/16ch NTSC) 200/400 (8/16ch PAL) |
| OSD: | ON/OFF |
| Activity Detection: | 1200 |
| Sensitivity Levels: | 100 |
| System Control: | USB Mouse, Front Panel Controls, Handheld Remote Control, touch Screen (Windows 7 touch compatible) |
| Firmware Upgrade: | Via USB device |
| User Authority: | ADMIN/USER1/USER2 |
| Audio: | 1-way audio conference (via network) |

RECORDING

| | |
|-------------------------------|--|
| Video Compression: | H.264 |
| Audio Compression: | PCM |
| Recording Speed & Resolution: | 8 Channel 240 / 200 @ 352x240 / 352x256 (NTSC / PAL) 120 / 100 @ 704x240 / 704x256 (NTSC / PAL) 60 / 50 @ 704x480 / 704x512 (NTSC / PAL) |
| Recording Resolution Setting: | Programmable per camera |
| Recording Quality Control: | 5 levels |
| Image Size: | 24 Kbyte (704x480), 12 Kbyte (704x240) 6 Kbyte (352x240) |
| Recording Schedule: | By hour, by day, by recording mode, by Ch |
| Recording Modes: | Continuous, motion activated |
| Pre Recording: | Max. 10 seconds |
| Post Recording: | Max. 255 seconds |
| Reliability: | Watch-Dog, Auto-recovery after power failure |
| Covert Video: | Dynamic allocation of cameras |

CAMERA (LDC6011PK2B):

| | |
|--------------------------|---|
| Image Sensor | 1/3" Color Image Sensor |
| Video Format | NTSC |
| Effective Pixels | H: 720 V: 480 |
| Resolution | 600 TV Lines |
| Scan System | 2:1 Interlace |
| Sync System | Internal |
| S / N Ratio | 48dB (AGC Off) |
| Iris | AES |
| AES Shutter Speed | 1/60 ~ 1/25,000 sec. |
| Min. Illumination | 0.1 Lux without IR LED 0 Lux with IR LED |
| Video Output | Composite 1.0Vpp @ 75ohm |
| Lens / Lens Type | 3.6mm F2.0 / Fixed |
| FOV (Diagonal) | 78° |
| Termination | BNC Type |
| IR LED Qty. / Type | 10 pieces / 850nm |
| Night Vision Range | 50ft / 15m |
| Power Requirement | 12V DC \pm 10% |
| Power Consumption | Max. 240mA (w / IR) |
| Operating Temp. Range | 14° ~ 122°F / -10° ~ 50°C |
| Operating Humidity Range | < 90% RH |
| Environmental Rating | Indoor use only |
| Weight | 0.4lbs / 0.2kg |

PLAYBACK

| | |
|-------------------|-----------------------------------|
| Playback Display: | 1,4,9 (8ch) |
| Instant Playback: | for quick review of log events |
| Playback Speed: | Variable (1, 5, 15, 60) |
| Playback Player: | Apple QuickTime multi-hour Player |
| Backup Player: | Apple QuickTime multi-hour Player |
| Search: | By time, event, scroll |

STORAGE & ARCHIVE

| | |
|---------------------|----------------------------|
| Storage: | Up to 1 HDD (SATA) |
| Maximum Capacity: | Up to 2TB |
| Backup Media: | USB Flash Drive (max 16GB) |
| Backup File Format: | MOV file (Codec included) |
| Bookmark Archiving: | Supported |

CONNECTIVITY

| | |
|------------------------------|--|
| Easy Connect: | Lorex Auto Port Forward Wizard |
| Software: | Edge Client Software for PC & Mac |
| Supported Operating Systems: | Windows™: 7, Vista, XP Mac |
| Browsers: | Internet Explorer, Google Chrome (IE Tab), Mozilla Firefox (IE Tab) |
| Email Notification: | Text with weblink & snap shot attachment |
| Mobile Connectivity: | iPad™, iPhone™ - 4.0 and above, Blackberry™ - (supported model numbers: 9000, 9700, 9800), Android (version 2.1) |
| DDNS: | Free Lorex DDNS |
| Web Server Port: | Programmable by User |
| Network Protocol: | LAN, DHCP, Dynamic IP, DDNS |
| Network Interface: | 10/100-Base-TX, RJ-45 |
| Network Speed Control: | 10 levels (28.8Kb ~ 1.5MB)/sec. |

GENERAL

| | |
|------------------------------|---|
| Power Consumption: | Approx. 30 watts |
| Supply Voltage: | 100VAC-240VAC, 12VDC, 2.5A, 50/60Hz |
| Unit Dimensions (W x D x H): | 11.6" x 6.2" x 1.1" 295mm x 167.4mm x 34.0mm |
| Unit Weight: | 3.2 lbs |
| Operating Temperature: | 41° ~ 104° F / 5° ~ 40° C |
| Humidity: | 10 ~ 75% NC |

CAMERA (CVC7662PK4B):

| | |
|--------------------------|---|
| Image Sensor | 1/3" Color Image Sensor |
| Video Format | NTSC |
| Effective Pixels | H: 720 V: 480 |
| Resolution | 660 TV Lines |
| Scan System | 2:1 Interlace |
| Sync System | Internal |
| S / N Ratio | 48dB (AGC Off) |
| Iris | AES |
| AES Shutter Speed | 1/60 ~ 1/25,000 sec. |
| Min. Illumination | 0.1 Lux without IR LED 0 Lux with IR LED |
| Video Output | Composite 1.0Vpp @ 75ohm |
| Lens / Lens Type | 3.6mm F2.0 / Fixed |
| FOV (Diagonal) | 78° |
| Termination | BNC Type |
| IR LED Qty. / Type | 18 pieces / 850nm |
| Night Vision Range | 100ft / 30m |
| Power Requirement | 12V DC \pm 10% |
| Power Consumption | Max. 280mA (w / IR) |
| Operating Temp. Range | -22° ~ 122°F / -30° ~ 50°C |
| Operating Humidity Range | < 90% RH |
| Environmental Rating | IP66 |
| Weight (including stand) | 0.6lbs / 0.3kg |

VANTAGE

LH330 Edge2 Series

PRODUCT INFORMATION

DVR Inputs & Outputs

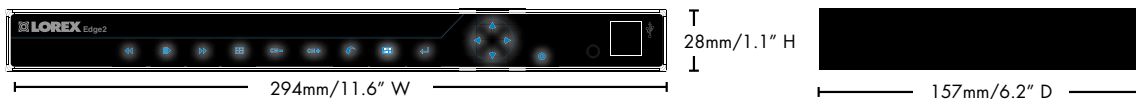


Product Information:

| MODEL | CONFIGURATION | PACKAGE | W x D x H - mm & inches | WEIGHT | CUBE | UPC Code |
|--------------|---|-----------|--|-------------------|----------------------|-----------------|
| LH3381001C4B | 8ch Edge2 DVR x 4 (660) TVL Cameras (CVC7662PK4B) x 1TB HDD | Brown Box | 320mm x 349mm x 317mm / 12.75" x 12.75" x 8.4" | 6.3 kg / 14.0 lbs | 0.022 CBM / 0.79 CBF | 7-78597-33810-2 |
| LH3381001C6B | 8ch Edge2 DVR x 4 (660) TVL Cameras (CVC7662PK4B) x 2 (600) TVL Cameras (LDC6011PK2B) x 1TB HDD | Brown Box | 320mm x 349mm x 317mm / 12.6" x 13.7" x 12.5" | 7.9 kg / 17.6 lbs | 0.067 CBM / 2.41 CBF | 7-78597-33807-2 |
| INCLUDES | 8 Channel DVR with pre-installed HDD, Remote Control, Flex IR, Mouse, Ethernet Cable, 2 screws (for key-hole style VESA mounting), Power Adapter, Quick Start Guide, User Manual, CD with Client Software and Auto Port Forward Wizard, 4 or 6 x Cameras, 4 x Camera Stands (CVC7662PK4B), 2 x Mounting Kits (LDC6011PK2B) 4 or 6 x 60ft BNC/DC Extension Cables, 1 or 2 x 4 in 1 Camera Power Adaptor(s) | | | | | |

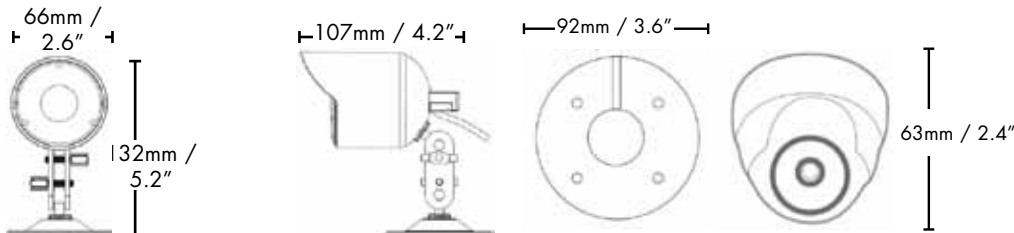
Dimensions:

DVR



CVC7662PK4B Camera

LDC6011PK2B Camera



DISCLAIMERS:

1. HDMI output 1080p (1920x1080) for high definition multi-channel live viewing only. High definition recording not supported, recording resolution is limited to a maximum of 704x480 per channel. Image quality and resolution is dependent on the type of camera connected to the DVR.
 2. Touch operation with Windows™ 7 Touch compatible touch screen monitor via USB connection.
 3. Requires a high speed internet connection and a router (not included).
 4. IR illumination range under ideal conditions. Objects at or beyond this range may be partially or completely obscured, depending on the camera application.
 5. Not intended for submersion in water. Installation in a sheltered location recommended.
 6. Field of view, diagonal.
- † Instant Mobile Viewing on iPad™, iPhone™, BlackBerry (supported model numbers: 9000, 9700, 9800) and Android (version 2.1). 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 as new smart phone models become available in the market.

†† Easily mounts to the back of an LCD monitor with VESA standard mounting holes and an independent stand. Requires clear access to the 75 x 75, 100 x 100 & 200 x 200 mm VESA mounting holes.

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