ADVANCED 960H RECORDING RESOLUTION
ULTIMATE REMOTE CONNECTIVITY
MIRROR HARD DRIVE RECORDING
EXPANDABLE STORAGE SPACE
HIGH DEFINITION HDMI OUTPUT
MULTI-TOUCH INTERFACE

Remote Connectivity & Compatibility

iPhone®, iPod®, Blackberry, Android, Windows, Mac

www.lorextechnology.com
RECORD IN HIGHER RESOLUTION
960H records with 34% more resolution than D1, offering a true to life aspect ratio that provides sharper, more detailed, and non-stretched images.¹

MIRROR RECORDING
Secure your data by simultaneously recording footage to an external USB hard drive (not included).⁴

EXPANDABLE STORAGE
Connect to an external USB hard drive & increase the recording capacity of your system.⁴

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

Monitor not included.
DVR FEATURES:
- 960H (960x480) records with 34% more resolution than D1, offering a true to life aspect ratio that provides sharper, more detailed, and non-stretched images.
- HDMI output resolution 1080p (1920x1080) for simple connection to HDTVs.
- TRIPLE TOUCH technology using a touch screen monitor, 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.
- 3 x USB 2.0 ports (mouse, touch monitor, backup, firmware upgrade).
- Mirror Hard Drive Recording - secure your recordings by backing up footage to an external hard drive at the same time as recording to the DVR hard drive.
- Expandable storage - connect an external USB hard drive to increase recording capacity.
- 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).
- Small form factor (11.6 x 6.5 x 1.3”).
- VESA Mount (easily mounts to the back of an LCD monitor).
- “Flex” IR extender for remote control (line-of-sight not required).

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 Wizard.
- Lorex Edge Client Software:
  - PC (Microsoft Windows™ 8 (extend your touch experience), 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.
- Advanced Management Software - control multiple DVRs in different geographical locations (home/business/vacation properly) via client software & mobile Apps.

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 LCD monitor (requires clear access to the VESA mounting holes).
ADDITIONAL DVR FEATURES:

- Detail you can count on day and night. HD output (HDMI) with exceptional playback quality
- Keep in Touch with your world on your smart phone, tablet, PC or Mac. Use the most touch intuitive DVR that's compatible with Windows 8 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
- 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
21.5” LED TOUCH MONITOR

- Intuitive, optical, multi-touch screen operation
- 1080P (1920 x 1080) resolution
- Built-in speakers
- VESA standard mounting holes
- Slim, energy efficient LED monitor

www.lorextechnology.com
960H RESOLUTION
Providing 34% more detail than standard D1 resolution and a 500% increase over CIF, delivering a sharper, non-distorted image with a true-to-life aspect ratio.

EXCEPTIONAL NIGHT VISION
ClearNight technology with Digital Noise Reduction improves low light performance and recording efficiency up to 30%.

FEATURES
- Advanced Sony EXview™ II image sensor
- Video image processor delivers up to 700TV lines of resolution
- 960H optimized image sensor delivers up to 34% more resolution than D1 and 5x more than CIF
- Offers a true to life non-stretched aspect ratio that provides sharper, more detailed images
- Wide angle lens for wide area coverage (90° FOV)
- ClearNight imaging technology ensures clear night vision and improves recording efficiency up to 30%
- Night Vision up to 120ft away in ambient lighting conditions and up to 85ft away in total darkness
- Split glass design minimizes IR reflection
- Weatherproof (IP66) rated aluminum housing for indoor/outdoor installations
- Robust vandal resistant housing with cable pass-through bracket
SEE IT ALL - IN GREATER DETAIL

- BEST-IN-CLASS NIGHT VISION
- OUTSTANDING IMAGE QUALITY
- FLEXIBLE INSTALLATION

**HIGH PERFORMANCE VIDEO**
With Extreme Resolution (700 TVL) for amazingly detailed images

**EXceptional Night Vision**
Latest Sony EXview™ II sensor offers best low light performance

**EFFICIENT VIDEO RECORDING**
Digital Noise Reduction improves night vision clarity and saves recording hard drive space

**FEATURES**
- Advanced Sony EXview™ II image sensor
- 960H optimized image sensor delivers up to 34% more resolution than D1 and 5x more than CIF
- Offers a true to life non-stretched aspect ratio that provides sharper, more detailed images
- Video image processor delivers up to 700TV lines of resolution
- Night Vision up to 75ft (23m) away in total darkness
- ClearNight imaging technology ensures clear night vision and improves recording efficiency up to 30%
- Wide angle lens for wide area coverage (79° FOV)
- Weatherproof (IP66 rated) aluminum housing for indoor/outdoor installations

**PREMIUM SERIES**
- 700 TVL
- 75ft NIGHT VISION
- INDOOR/OUTDOOR
- 960H

**VANTAGE**
LH340 EDGE3 Series

www.lorextechnology.com
SEE IT ALL - IN GREATER DETAIL

- POLYCARBONATE PROTECTED
- BRIGHT-NIGHT VIEWING
- EXTREME TEMPERATURE OPERATION

960H RESOLUTION
Providing 34% more detail than standard D1 resolution and a 500% increase over CIF, delivering a sharper, non-distorted image with a true-to-life aspect ratio.

BUILT TO LAST
Durable, light and impact resistant, the Polycarbonate housing is made to withstand the elements.

RELIABILITY IN THE EXTREME
Patented ImageCool™ Technology ensures optimal performance in extreme temperatures (-22° ~ 122°F).

VANDAL-RESISTANT
Designed with a cable pass-through bracket and a removable camera base for hassle-free installation.
FEATURES

• 700TVL Resolution using an advanced new 960H optimized Image Sensor
• Lightweight yet extremely durable Polycarbonate housing
• Integrated automatic Infrared Cut Filter (ICR) ensures accurate color representation in all lighting conditions
• Day/Night mode: Picture automatically switches to B&W delivering better clarity in low light conditions
• BrightNight viewing with enhanced low light image sensor
• Close-up recognition at night with auto light compensation prevents wash-out effect
• Night vision range up to 130ft (40m) in ambient lighting & up to 90ft (28m) away in total darkness
• Modern two-tone design - residential and business friendly
• Split glass design minimizes IR reflection
• Anti-glare feature ensures clear images under strong lighting conditions
• Reliable camera operation coupled with patented ImageCool™ technology ensures optimal performance in extreme temperatures (-22° ~ 122°F / -30° ~ 50°C)
• 3.6mm wide-angle lens captures a 80° diagonal field of view
• Vandal resistant design with cable pass-through bracket
• Ideal for outdoor & indoor applications (IP66 Rated)
• Removable camera base and integrated 3ft camera cable for hassle-free and flexible installation
• Versatile mounting options: ceiling, counter or wall mountable
• 60ft BNC/Power extension cable included per camera
• Energy-efficient CEC (California Energy Commission) compliant power adapter included

Monitor is not included
VIEW THE ENTIRE SCENE
- WITH PAN, TILT & ZOOM.

HIGH PERFORMANCE PAN/TILT/ZOOM CAMERA
Sony Effio™ video image processor delivers up to 700TV lines of resolution

SUPER+ RESOLUTION
Experience the exceptional, powered by the latest Sony Exview™ II Image Sensor

COVER ANY ANGLE
High speed 360° per second panning allows you to cover large areas quickly

PREMIUM SERIES
700 TVL
10X ZOOM
360°/SEC MAX ROTATION
960H
INDOOR/OUTDOOR

VANTAGE LH340 EDGE3 Series

www.lorextechnology.com
FEATURES

- Latest Sony EXview™ II image sensor for best-in-class low light performance
- Sony Effio™ video image processor delivers up to 700TV lines of resolution
- 10X Optical Zoom and 10X Digital Zoom to focus in on even the finest details
- Complete area coverage with 360 degrees per second panning speed
- Program preset viewing points when connected to a DVR
- ClearNight technology with Digital Noise Reduction improves low light performance and recording efficiency by up to 30%
- Accurate colors with Lorex’s automatic light filtering technology
- Weatherproof (IP66) rated with included wall mount
- Connects to any Lorex Eco™ or Edge™ series DVR for local or remote operation
- Control camera movement remotely from your Smartphone, Tablet, PC or Mac with Eco™ Series DVR
- Install outdoors with included wall mount bracket or indoors with wall mount bracket or attach directly to the ceiling
- 100ft all-in-one connection cable included for installation location flexibility
SYSTEM
Operating System: Linux (embedded)
Pentaplex: Simultaneous View, Record, Playback, Backup & Remote Configuration
Number of Channels: 8/16 Channel

Inputs/Outputs
Video In: 8/16 x 1Vp-p, 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), 1 or 4 or 9 or 16 (16ch)
Live Display Speed: 240/480 (8/16ch NTSC) 200/400 (8/16ch PAL)
OSD: ON/OFF
Activity Detection: 1320
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: 8/16 Channel
240/200 @ 352x240 / 352x256 (NTSC/PAL)
120/160 @ 480x240 (NTSC)
100/133 @ 720x240 / 720x256 (NTSC/PAL)
60/50 @ 720x480 / 720x512 (NTSC/PAL)
100/80 @ 960x240 / 960x288 (NTSC/PAL)
50/40 @ 960x480 / 960x576 (NTSC/PAL)

Recording Resolution Setting: Programmable per camera
Recording Quality Control: 5 levels
Image Size: 32 Kbyte (960x480), 16 Kbyte (960x240)
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

PLAYBACK
Playback Display: 1, 4, 9 (8ch), 1, 4, 9, 16 (16ch)
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, frame, date, file

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™, 8, 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: 9800, 9700, 9000, 8900), Android (version 2.1)
DDNS: Free Lorex DDNS
Web Server Port: Programmable by User
Network Protocol: LAN, DHCP, Dynamic IP, DDNS
Network Interface: 10/100Base-TX, RJ45
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

VANTAGE
LH340 EDGE3 Series
www.lorextechnology.com
### CAMERA (MCB7041):

<table>
<thead>
<tr>
<th>Specification</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Image Sensor</td>
<td>1/3” 960H Sony ExView, HAD™ CCD II</td>
</tr>
<tr>
<td>Video Format</td>
<td>NTSC</td>
</tr>
<tr>
<td>Effective Pixels</td>
<td>H: 976 V: 494</td>
</tr>
<tr>
<td>Resolution</td>
<td>Up to 700 TV Lines</td>
</tr>
<tr>
<td>Scan System</td>
<td>2:1 Interface</td>
</tr>
<tr>
<td>Sync System</td>
<td>Internal</td>
</tr>
<tr>
<td>S / N Ratio</td>
<td>&gt;50dB (AGC Off)</td>
</tr>
<tr>
<td>Iris</td>
<td>AES</td>
</tr>
<tr>
<td>AES Shutter Speed</td>
<td>1/60 – 1/100,000 sec.</td>
</tr>
<tr>
<td>Min. Illumination</td>
<td>0.15 Lux without IR LED, 0 Lux with IR LED</td>
</tr>
<tr>
<td>Video Output</td>
<td>Composite 1.0Vpp @ 75ohm</td>
</tr>
<tr>
<td>Lens / Lens Type</td>
<td>3.6mm F2.0 / Fixed</td>
</tr>
<tr>
<td>FOV (Diagonal)</td>
<td>90°</td>
</tr>
<tr>
<td>Termination</td>
<td>BNC Type</td>
</tr>
<tr>
<td>IR LED Qty. / Type</td>
<td>18 pieces / 850nm</td>
</tr>
<tr>
<td>Night Vision Range</td>
<td>120ft (37m) / 85ft (25m)</td>
</tr>
<tr>
<td>Power Requirement</td>
<td>12V DC ±10%</td>
</tr>
<tr>
<td>Power Consumption (Max)</td>
<td>250mA (w/IR)</td>
</tr>
<tr>
<td>Operating Temp. Range</td>
<td>14° – 122°F / -10° – 50°C</td>
</tr>
<tr>
<td>Operating Humidity Range</td>
<td>&lt; 90% RH</td>
</tr>
<tr>
<td>Environmental Rating</td>
<td>IP66</td>
</tr>
<tr>
<td>Weight (including stand)</td>
<td>0.6lbs / 0.2kg</td>
</tr>
</tbody>
</table>

### CAMERA (LDC7051):

<table>
<thead>
<tr>
<th>Specification</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Image Sensor</td>
<td>1/3” Sony Ex-View HAD CCD II</td>
</tr>
<tr>
<td>Video Format</td>
<td>NTSC</td>
</tr>
<tr>
<td>Effective Pixels</td>
<td>H: 976 V: 494</td>
</tr>
<tr>
<td>Resolution</td>
<td>Up to 700 TV Lines</td>
</tr>
<tr>
<td>Scan System</td>
<td>2:1 Interface</td>
</tr>
<tr>
<td>Sync System</td>
<td>Internal</td>
</tr>
<tr>
<td>S / N Ratio</td>
<td>&gt;50dB (AGC Off)</td>
</tr>
<tr>
<td>Iris</td>
<td>AES</td>
</tr>
<tr>
<td>AES Shutter Speed</td>
<td>1/60 – 1/100,000 sec.</td>
</tr>
<tr>
<td>Min. Illumination</td>
<td>0.15 Lux without IR LED, 0 Lux with IR LED</td>
</tr>
<tr>
<td>Video Output</td>
<td>Composite 1.0Vpp @ 75ohm</td>
</tr>
<tr>
<td>Lens / Lens Type</td>
<td>3.6mm F2.0 / Fixed</td>
</tr>
<tr>
<td>FOV (Diagonal)</td>
<td>79°</td>
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<tr>
<td>Termination</td>
<td>BNC Type</td>
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<tr>
<td>IR LED Qty. / Type</td>
<td>14 pieces / 850nm</td>
</tr>
<tr>
<td>Night Vision Range</td>
<td>75ft / 23m</td>
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<tr>
<td>Power Requirement</td>
<td>12V DC ±10%</td>
</tr>
<tr>
<td>Power Consumption (Max)</td>
<td>250mA (w/IR)</td>
</tr>
<tr>
<td>Operating Temp. Range</td>
<td>14° – 122°F / -10° – 50°C</td>
</tr>
<tr>
<td>Operating Humidity Range</td>
<td>&lt; 90% RH</td>
</tr>
<tr>
<td>Environmental Rating</td>
<td>IP66</td>
</tr>
<tr>
<td>Weight</td>
<td>0.6lbs / 0.24kg</td>
</tr>
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### CAMERA (CVC7711):

<table>
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<tr>
<th>Specification</th>
<th>Details</th>
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<tbody>
<tr>
<td>Image Sensor</td>
<td>1/3” 960H Advanced Image Sensor</td>
</tr>
<tr>
<td>Video Format</td>
<td>NTSC</td>
</tr>
<tr>
<td>Effective Pixels</td>
<td>H: 960 V: 480</td>
</tr>
<tr>
<td>Resolution</td>
<td>700 TV Lines</td>
</tr>
<tr>
<td>Scan System</td>
<td>2:1 Interface</td>
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<tr>
<td>Sync System</td>
<td>Internal</td>
</tr>
<tr>
<td>S / N Ratio</td>
<td>&gt;50dB (AGC Off)</td>
</tr>
<tr>
<td>Iris</td>
<td>AES</td>
</tr>
<tr>
<td>AES Shutter Speed</td>
<td>1/60 – 1/25,000 sec.</td>
</tr>
<tr>
<td>Min. Illumination</td>
<td>0.1 Lux without IR LED, 0 Lux with IR LED</td>
</tr>
<tr>
<td>Video Output</td>
<td>Composite 1.0Vpp @ 75ohm</td>
</tr>
<tr>
<td>Lens / Lens Type</td>
<td>3.6mm F2.0 / Fixed</td>
</tr>
<tr>
<td>FOV (Diagonal)</td>
<td>80°</td>
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<tr>
<td>Termination</td>
<td>BNC Type</td>
</tr>
<tr>
<td>IR LED Qty. / Type</td>
<td>18 pieces / 850nm</td>
</tr>
<tr>
<td>Night Vision Range</td>
<td>1308 ft (400m) / 900 ft (280m)</td>
</tr>
<tr>
<td>Power Requirement</td>
<td>12V DC ±10%</td>
</tr>
<tr>
<td>Power Consumption (Max)</td>
<td>260mA (w/IR)</td>
</tr>
<tr>
<td>Operating Temp. Range</td>
<td>22° – 122°F / -30° – 50°C</td>
</tr>
<tr>
<td>Operating Humidity Range</td>
<td>&lt; 90% RH</td>
</tr>
<tr>
<td>Environmental Rating</td>
<td>IP66</td>
</tr>
<tr>
<td>Weight</td>
<td>0.6lbs / 0.24kg</td>
</tr>
</tbody>
</table>

### 21.5” TOUCH SCREEN LED MONITOR:

<table>
<thead>
<tr>
<th>Specification</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Display</td>
<td>21.5” touch screen LED</td>
</tr>
<tr>
<td>Resolution</td>
<td>H: 1920 V: 1080</td>
</tr>
<tr>
<td>Dot Distance</td>
<td>0.248mm (H) x 0.248mm (V)</td>
</tr>
<tr>
<td>Visible Range</td>
<td>476.844mm (H) x 268.11mm (V)</td>
</tr>
<tr>
<td>Power Source</td>
<td>12V DC</td>
</tr>
<tr>
<td>Power Requirement</td>
<td>2.5A</td>
</tr>
<tr>
<td>Power Consumption</td>
<td>up to 30W</td>
</tr>
<tr>
<td>Operating Temperature</td>
<td>23° – 113°F / -5° – 45°C</td>
</tr>
<tr>
<td>Dimensions (including stand)</td>
<td>20.47” (W) x 14.4” (H) x 7.5” (D)</td>
</tr>
<tr>
<td>Weight (approx.)</td>
<td>8 lbs / 3.6kg</td>
</tr>
</tbody>
</table>

---

**LOREX® COMPLETE SECURITY CAMERA SYSTEM**

**VANTAGE**

**LH340 EDGE3 Series**

www.lorextechnology.com
## DVR Back Panel

### 8 Channel DVR

![Diagram of 8 Channel DVR back panel](image1)

### 16 Channel DVR

![Diagram of 16 Channel DVR back panel](image2)

## Product Information:

<table>
<thead>
<tr>
<th>MODEL</th>
<th>CONFIGURATION</th>
<th>PACKAGE</th>
<th>W x D x H - Inches &amp; mm</th>
<th>WEIGHT</th>
<th>CUBE</th>
<th>UPC Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>LH3481001C4T22B</td>
<td>8 ch Edge3 DVR x 4 (700) TVL Cameras (MCB7041) x 1TB HDD x 21.5&quot; LED Touch Monitor</td>
<td>Brown Box</td>
<td>658mm x 320mm x 470mm/25.9&quot; x 12.6&quot; x 18.5&quot;</td>
<td>28.6lbs / 12.9kg</td>
<td>0.09786 CBM / 3.49486 CBF</td>
<td>7-78597-81422-4</td>
</tr>
<tr>
<td>LH3481001C8T22B</td>
<td>8 ch Edge3 DVR x 8 (700) TVL Cameras (MCB7041) x 1TB HDD x 21.5&quot; LED Touch Monitor</td>
<td>Brown Box</td>
<td>658mm x 320mm x 470mm/25.9&quot; x 12.6&quot; x 18.5&quot;</td>
<td>35.1lbs / 15.9kg</td>
<td>0.09786 CBM / 3.49486 CBF</td>
<td>7-78597-81822-2</td>
</tr>
<tr>
<td>LH3462001C8T22B</td>
<td>16 ch Edge3 DVR x 8 (700) TVL Cameras (MCB7041) x 2TB HDD x 21.5&quot; LED Touch Monitor</td>
<td>Brown Box</td>
<td>658mm x 320mm x 470mm/25.9&quot; x 12.6&quot; x 18.5&quot;</td>
<td>35.1lbs / 15.9kg</td>
<td>0.09786 CBM / 3.49486 CBF</td>
<td>7-78597-46822-9</td>
</tr>
<tr>
<td>LH346821T22B</td>
<td>16 ch Edge3 DVR x 4 (700) TVL Cameras (MCB7041) x 4 (700) TVL Cameras (LDC7051) 2TB HDD x 21.5&quot; LED Touch Monitor</td>
<td>Brown Box</td>
<td>658mm x 320mm x 470mm/25.9&quot; x 12.6&quot; x 18.5&quot;</td>
<td>35.1lbs / 15.9kg</td>
<td>0.09786 CBM / 3.49486 CBF</td>
<td>7-78597-34682-4</td>
</tr>
<tr>
<td>LH346820Z1T22B</td>
<td>16 ch Edge3 DVR x 8 (700) TVL Cameras (2 x CVC7711PK4B) x 1 (PTZ) Camera (LZC7091B) 2TB HDD x 21.5&quot; LED Touch Monitor</td>
<td>Brown Box</td>
<td>658mm x 320mm x 470mm/25.9&quot; x 12.6&quot; x 18.5&quot;</td>
<td>35.1lbs / 15.9kg</td>
<td>0.09786 CBM / 3.49486 CBF</td>
<td>7-78597-36822-2</td>
</tr>
</tbody>
</table>

### INCLUDES

8 or 16 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 8 x Cameras, 4 or 8 x Camera Stands, 4 or 8 x 60ft BNC/DC Extension Cables, 1 or 2 x 4 in 1 Camera Power Adaptor(s), LED Touch Screen Monitor & Stand, Power Adapter, HDMI Cable, VGA Cable, USB Cable, RCA Cable.

Included with LH346820Z1T22B - 1 x High Speed PTZ Camera 700Tvl 960H with weather proof mount, 1 x 95ft all-in-one RS485/BNC/DC extension cable for PTZ camera, 1 x 12V power adapter for PTZ camera.
Dimensions:

DVR
- 294mm/11.6" W
- 157mm/6.2" D

TOUCH SCREEN MONITOR
- 20" / 507mm
- 15.8" / 402mm

CAMERA (MCP7041)
- 57mm / 2.2"
- 53mm / 2.1"
- 153mm / 6.0"

CAMERA (LDC7051)
- 88mm / 3.5"
- 95mm / 3.8"

PTZ CAMERA (LZC7091B)
- 100mm / 3.9"
- 125mm / 4.9"

CAMERA (CVC7711PK4B)
- 225mm / 8.9"
- 73mm / 2.9"
- 67mm / 2.6"

DISCLAIMERS:
1. When used with 960H compatible cameras, DVR is backwards compatible and supports different camera inputs: standard resolution and 960H.
2. 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 960x480 per channel. Image quality and resolution is dependent on the type of camera connected to the DVR.
3. Touch operation with Windows™ 7 compatible touch screen monitor via USB connection.
4. Hard drive mirroring and External storage expansion are selectable options. You select one or the other, but not both at the same time. The DVR supports a single external USB hard drive up to a maximum size of 2TB. The external hard drive must be self-powered to work with the system; it cannot receive power from the DVR's USB port. Footage on the external hard drive can only be accessed using the DVR or a Windows PC. The footage cannot be accessed on a Mac.
5. Requires a high speed internet connection and a router (not included).
6. When connected to a 960H capable DVR.
7. Field of View, Diagonal.
8. Stated IR illumination range is based on ideal conditions in typical outdoor night time ambient lighting and in total darkness. Actual range and image clarity depends on installation location, viewing area and light reflection/absorption level of object.
10. This camera features an ultra-low light sensitive image sensor and therefore does not feature InfraRed LEDs. The camera requires ambient lighting (for example, street/building lighting, star or moon light) to render a night time image. In total darkness (zero Lux) the camera will not produce a night time image and therefore the camera should not be installed in completely dark areas.
12. This PTZ camera is designed to pan left and right a full 360° and tilt up and down within a range of 90°. Tilting less than 5° or greater than 165° away from the camera base may cause the image to become slightly unclear.
† Instant Mobile Viewing on iPad®, iPhone®, BlackBerry (supported model numbers: 8900, 9000, 9700, 9800), Android (version 1.5 & above). 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 175mm x 75mm, 100mm x 200mm, and 200mm x 200mm VESA mounting holes.

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