



# PROFESSIONAL 15" LCD COLOR OBSERVATION SYSTEM WITH BUILT-IN 4 CHANNEL TRIPLEX DIGITAL VIDEO RECORDER AND 4 COLOR DAY/NIGHT WEATHERPROOF CAMERAS

## FEATURES

### Monitor

- 15" High Resolution LCD Monitor with built in 4 channel H.264 DVR
- Multiple Control Options- Front panel, Remote Control, Mouse, Remote Software
- Easy to use with mouse control interface (mouse included)
- Monitor Out allows you to view images on a slave monitor (not included).
- Spot Video Out lets you control what shows on a Public View Monitor (not included).
- Trilingual interface (English, Spanish and French)
- Commercial grade monitor stand (included) or Wall Mountable VESA Standard (mount sold separately)

### Built In 4 Channel Triplex H.264 DVR

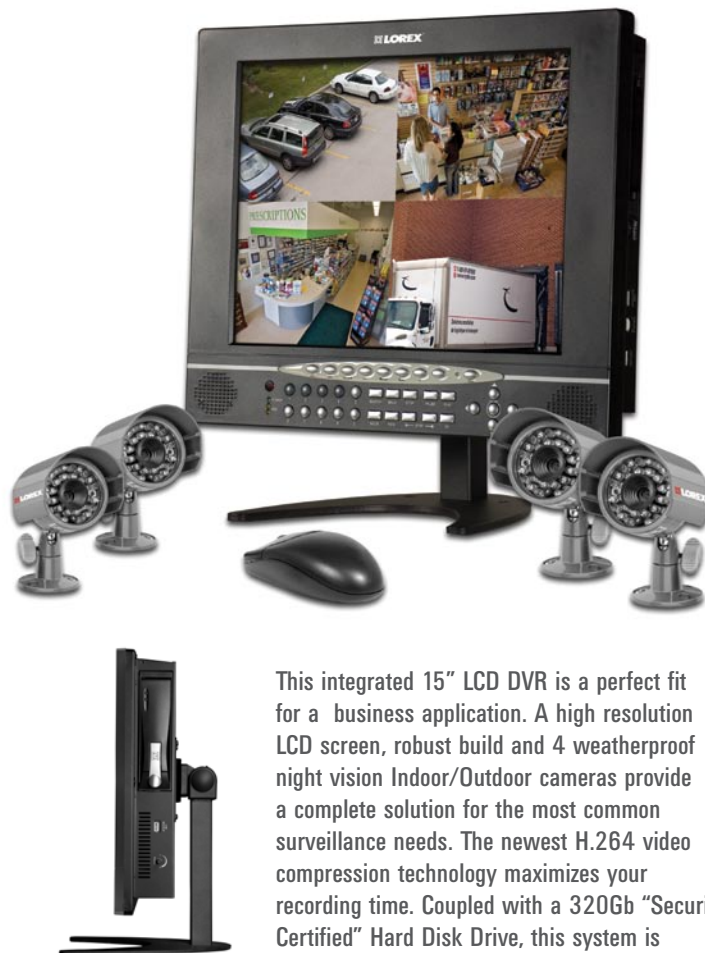
- Triplex operation: View, Record & Playback simultaneously.
- 320GB Hard Drive preinstalled (expandable to 500GB)
- H.264 Video compression @ CIF resolution maximizes your recording duration
- Real Time Viewing and Recording for all cameras (120FPS)
- Recording modes- Continuous, Motion, Schedule & Alarm
- Programmable Motion detection
- Pre-Event recording
- 4 Video Inputs (BNC)
- 1 Audio Input, 1 Audio Output (RCA)
- USB 2.0 port for Firmware Upgrade, Backup and Image Transfer
- Backup options: USB flash drive and via Remote Access Software (included)
- PTZ (Pan Tilt Zoom) Control Capable (RS485)
- Removable HDD cradle - easy to expand and archive

### High Resolution Cameras (4)

- Advanced High Resolution image sensor produces clear video @ 450 TV Lines
- 30 IR LED's provides 50ft range at night
- Weatherproof Design: Ideal for Outdoor and Indoor applications (IP66\*)
- Ceiling or wall mountable w/ versatile stand
- 60' extension cable provided with each camera
- Mounting brackets & hardware included

### Remote Access Software included

- View, Record, Playback and Backup over the internet from a remote location
- Microsoft Windows Vista™ Compatible
- Free Lorex DDNS (Dynamic Domain Name Service) service keeps you connected anywhere at any time



This integrated 15" LCD DVR is a perfect fit for a business application. A high resolution LCD screen, robust build and 4 weatherproof night vision Indoor/Outdoor cameras provide a complete solution for the most common surveillance needs. The newest H.264 video compression technology maximizes your recording time. Coupled with a 320Gb "Security Certified" Hard Disk Drive, this system is designed to work 24/7. This Triplex system

allows you to view record and playback up to 4 cameras simultaneously. See crisp images from your high resolution cameras displayed on a space efficient 15" digital LCD monitor. Record your critical data onto a surveillance Hard Drive with 100% duty cycle and energy efficient power consumption. Connect from anywhere in the world to view, playback and backup data via the internet with the included Lorex Client Internet Remote Access software. Protect what matter to you, whether it is your business or home with a cost effective system that is designed to give you peace of mind.



L15LD424321B

INTEGRATED SURVEILLANCE

# SPECIFICATIONS:

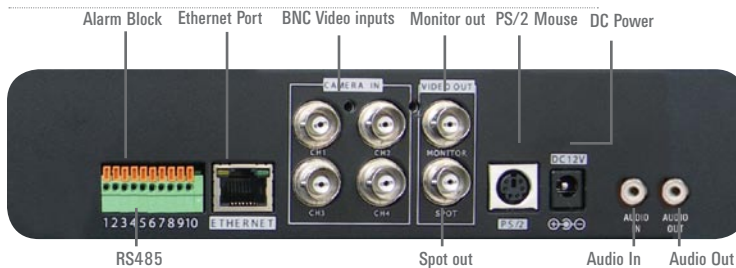
## Monitor:

<b>LCD Panel:</b>	Diagonal: 15.0" TFT, Input: TTL / LVDS.
<b>LCD Display Resolution:</b>	1280 x 1024
<b>Video Input:</b>	4CH (4 x BNC)
<b>Video Output:</b>	Monitor & Spot (BNC x 2)
<b>Audio Input:</b>	1 x RCA
<b>Audio Output:</b>	1 x RCA
<b>Split Screen:</b>	Full screen, Quad split
<b>Zoom:</b>	Available
<b>PIP (Picture in Picture):</b>	Available
<b>LCD Color Resolution:</b>	16.7 M (8 bits)
<b>LCD Pixel Pitch:</b>	0.297 mm (H) x 0.297 mm (V)
<b>LCD Brightness:</b>	300 cd/m2
<b>Control Device:</b>	Remote Controller, Mouse (PS2)
<b>Power Supply:</b>	DC Adapter (12V DC 8A)
<b>Dimension:</b>	395 mm(W) x 159 mm(D) x 391 mm(H)
<b>Weight (N.W):</b>	8 kgs (W/O HDD)
<b>Operation Temperature:</b>	41°F ~ 104°F (5°C ~ 40°C)
<b>Operation Humidity:</b>	Less than 90%

## DVR:

<b>Storage Capacity:</b>	1 SATA HDD, pre-installed (Maximum 500 GB)
<b>Triplex:</b>	View/ Playback / Record simultaneously
<b>Compression:</b>	H.264
<b>Recording Speed:</b>	120fps (NTSC)/ 100fps (PAL)
<b>Recording Resolution:</b>	CIF 352 x 240(CIF), 352 x 288(PAL)
<b>Display:</b>	Real time for all channels
<b>Recording Mode:</b>	Continuous, Motion, Schedule, Alarm
<b>Search Mode:</b>	Percentage Search, Date/ Time Search, Event Search
<b>Password Protection:</b>	Yes
<b>PTZ Control</b>	RS485
<b>Alarm Input:</b>	4 Alarm (NO/NC)
<b>Relay Output:</b>	1 (NO/NC)
<b>Backup:</b>	USB2.0 thumb drive , Download via Network
<b>Network (TCP/IP):</b>	Remote live view, playback, and download as AVI file
<b>Firmware upgrade:</b>	USB port for firmware upgrade
<b>Network Protocol:</b>	TCP/IP, DDNS and Web
<b>Network Interface:</b>	10/100-Base-TX, RJ-45

## BACK JACK PANEL:



\* IR illumination range up to 40 ft (12M) under ideal conditions. Objects at or beyond this range may be partially or completely obscured, depending on the camera application.

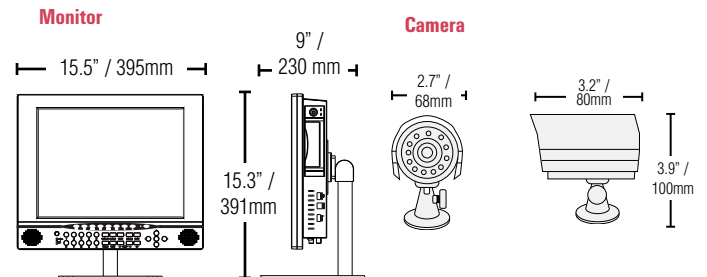
\*\* Not for use in direct exposure to water, rain or snow

\*\*\* Requires a high speed internet connection (minimum upload speed: 256Kb/s, download speed 512Kb/s) and a broadband router – not included. Typical network remote viewing at 1-2FPS.

## Camera:

<b>Image Sensor:</b>	High Resolution 1/4" Advanced Color Image Sensor
<b>Video Format:</b>	NTSC
<b>Effective Pixels:</b>	H: 656, V: 492
<b>Resolution:</b>	450 TV Line
<b>Scan System:</b>	2:1 Interlace
<b>Sync System:</b>	Internal
<b>S/N Ratio:</b>	More than 48dB
<b>Iris:</b>	AES
<b>AES Shutter Speed:</b>	1/60 ~ 1/50,000 Sec
<b>Mini Illumination:</b>	0.6 Lux without IR LED, 0 Lux with IR LED
<b>Video Output:</b>	Composite 1.0Vpp @ 75 ohm
<b>Lens/ Lens Mount:</b>	5mm F 2.0/ Fixed
<b>FOV (Diagonal):</b>	50 degree
<b>Termination:</b>	BNC Type
<b>IR LED/ Night Vision Range:</b>	30 pieces / 850 nm / 50ft
<b>Power Requirement:</b>	12Vdc
<b>Power Consumption:</b>	220 mA or 3W max
<b>Operating Temp Range:</b>	-10° ~ 50° C
<b>Environmental Rating:</b>	IP 66

## DIMENSIONS:



## PACKAGE INFORMATION:

<b>Model:</b>	L15LD424321B
<b>UPC</b>	7-78597-42422-5
<b>Cube:</b>	0.08 m / 2.95 ft
<b>Weight:</b>	15.4 kg / 34 lb
<b>Dimensions:</b>	20" x 11.8" x 21.2" / 510 mm x 300 mm x 537 mm
<b>Contents:</b>	15" LCD DVR, 320 GB HDD, Power Adapter, 4 x Cameras & stands, 4 x 60ft cables, 4 x power adaptor for cameras, 1 x mouse, 1 x remote control, 1 x 10ft Ethernet Cable, Software CD, Quick Start Guide

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