

NETWORK



SURVEILLANCE



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

## FEATURES

### Monitor

- 15" High Resolution LCD Monitor with built in DVR
- Mouse control interface (mouse included)
- Trilingual interface (English, Spanish and French)
- Supports DDNS (Dynamic Domain Name Server)
- Commercial grade monitor stand
- Wall mountable (mounts sold separately)
- A full range of LOREX Pro Series CCTV cameras available for use with this system

### Built-In Digital Video Recorder (DVR)

- Triplex Technology allows for recording, playback or viewing simultaneously.
- Network Interface for remote viewing over the internet\*\*\*
- MJPEG video compression
- USB (Device) port for Firmware Upgrade, Backup and Image Transfer
- HDD cradle - easy to remove/upgrade/archive
- 160GB HDD Designed for Surveillance: Hard Drive is specifically designed for optimal performance in the commercial video security applications.

### Cameras

- 1/4" Color CCD image sensor
- 12 IR LEDs provides effective night vision range of 30ft (10m).
- Day/Night mode: Picture automatically switches camera to B&W delivering better clarity in low light conditions.
- Professional Grade Weather Resistant cameras\*
- Versatile Camera stand allows the camera to be mounted on the Wall or Ceiling.
- Industry standard BNC connector.
- 4 in 1 power adaptor powers all four cameras from one power source
- 60ft extension cable included.



**Professional Grade security has never looked so good.**

Don't be misled by the attractive brushed aluminum finish and a modern design. The L15LD400 Series observation system is one of the most sophisticated video security systems on the market today with many of the same advanced features you will find in "high security" systems used in banks and casinos. Perfect for any upscale home or office, the L15LD400 is a complete packaged system that includes everything you need; LCD Monitor with built-in 160GB Digital video recorder, cameras, brackets, cables and power supplies.

 **LOREX**<sup>®</sup>

L15LD400 SERIES

IP SURVEILLANCE

# SPECIFICATIONS:

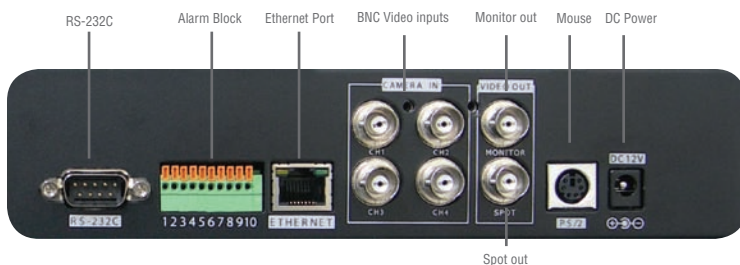
## Monitor:

LCD Panel	Diagonal: 15.0" TFT, Input: TTL / LVDS.
LCD Display Resolution	1280 x 1024
Video Input	4CH (4 x BNC)
Video Output	Monitor / Spot (BNC x 1)
Split Screen	Full screen, Quad split
Zoom	Available
PIP (Picture in Picture)	Available
LCD Color Resolution	16.7 M (8 bits)
LCD Pixel Pitch	0.297 mm (H) x 0.297 mm (V)
LCD Brightness	300 cd/m <sup>2</sup>
Control Device	Remote Controller, Mouse (USB and PS2), RS232
Power Supply	DC Adapter (12V DC 8A)
Dimension	395 mm(W) x 159 mm(D) x 391 mm(H)
Weight (N.W)	8 kgs (W/O HDD)
Operation Temperature	41°F~104°F (5°C~40°C)
Operation Humidity	Less than 90%

## DVR:

Storage Capacity	1 HDD , 160GB pre-installed (Maximum 400 GB)
Triplex	View/ Playback / Record simultaneously
Compression	Modified MJPEG Algorithm
Recording Speed	120fps (NTSC)/ 100fps (PAL)
Recording Resolution	FULL 704 x 240(NTSC), 704 x 288(PAL) CIF 352 x 240(CIF), 352 x 288(PAL)
Display	Real time for all channels
Recording Mode	Continuous, Motion, Schedule, Alarm
Search Mode	Percentage Search, Date/ Time Search, Event Search
Password Protection	Yes
Alarm Input	4 Alarm (NO/NC)
Relay Output	1 (NO/NC)
Backup	USB2.0(HOST) back-up , Download via Network
Network (TCP/IP)	Remote live view, playback, and download as AVI file
Firmware upgrade	USB port for firmware upgrade
Network Protocol:	TCP/IP, DDNS and Web
Network Interface:	10/100-Base-TX, RJ-45

## BACK JACK PANEL:

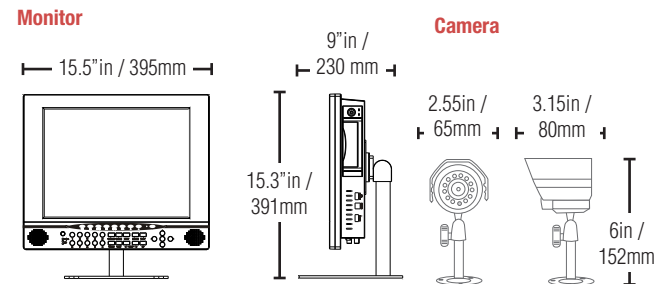


- \* Not for use in direct exposure to water, rain or snow
- \*\* IR illumination range up to 30 ft (10M) under ideal conditions. Objects at or beyond this range may be partially or completely obscured, depending on the camera application.
- \*\*\* Requires a high speed internet connection (minimum upload speed: 256Kb/s, download speed 512Kb/s) and a broadband router – not included. Typical network remote viewing at 1-2FPS.

## Camera:

Image Sensor:	1/4" Color CCD Image Sensor
Video Format:	NTSC / PAL
Effective Pixels:	NTSC: 512H x 492V(252K) PAL: 512H x 582V(298K)
Resolution:	420 TV Line
Scan System:	NTSC: 525 Lines 2:1 interlace PAL: 625 Lines 2:1 interlace
Sync System:	Internal
S/N Ratio:	More than 48dB
Iris:	AES
AES Shutter Speed:	NTSC: 1/60 ~ 1/100,000 Sec. PAL: 1/50 ~ 1/100,000 Sec.
Mini Illumination:	0.1 Lux without IR LED, 0 Lux with IR LED
Video Output:	Composite 1.0Vpp @ 75 ohm
Lens/ Lens Mount:	3.6mm Fixed
FOV (Diagonal):	70 degree
Termination:	BNC
IR LED/ Night Vision Range:	12 IR LED 850nm/ 10m
Power Requirement:	12 Vdc +/- 10% (powered by the monitor)
Power Consumption:	160 mA
Operating Temp Range:	-10°~50° C / 14° ~ 122° F
Dimension:	2.55" / 65mm X 3.15"/80mm X 6"/152mm (W X D X H)
Unit Weight:	400 g
Environmental Rating:	IP 64

## DIMENSIONS:



## PRODUCT INFORMATION:

Model#:	L15LD404-161 (UPC: 778597154047)
Cube:	0.08 m / 2.95 ft
Weight:	14.5 kg / 32 lb
Package Dimensions:	20" x 11.8" x 21.2" / 510 mm x 300 mm x 537 mm
Includes:	15" LCD & DVR combo unit with 160 GB pre-installed, Power Adapter, (4) Cameras & stand, Camera "4 in 1" power adaptor, Extension cable 60 ft (20m) X 4, Ethernet cable 10ft(3m), Remote Control, Mouse, Software CD

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