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 mislead 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.

L15LD400 SERIES

www.lorexctv.com
## Specifications:

### Monitor:
- **LCD Panel**: Diagonal: 15.0" TFT, Input: TTL / LVDS.
- **LCD Display Resolution**: 1280 x 1024
- **Video Input**: 4C (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/m²
- **Control Device**: Remote Controller, Mouse (USB and PS2), RS232
- **Power Supply**: DC Adapter (12V DC 8A)
- **Dimension**: 395 (W) x 159 (D) x 391 (H) mm
- **Weight (N.W)**: 8 kgs (W/O HDD)
- **Operation Temperature**: -10°~50° C / 14° ~ 122° F
- **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**: FULL: 704 x 240 (NTSC), 704 x 288 (PAL)
- **Recording Resolution**: 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-T, RJ-45

### Back Jack Panel:

- **RS-232**: Alarm Block, Ethernet Port, BNC Video inputs, Monitor out, Mouse, DC Power

### 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
- **IR 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

## Dimensions:

### Monitor
- **15.5"**: 395mm
- **9"**: 391mm

### Camera
- **15.3"**: 391mm
- **2.55"**: 65mm
- **3.15"**: 80mm

## Product Information:

- **Model#:** L15LD040-161 (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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