

# ALL-IN-ONE PROFESSIONAL DIGITAL 19" WIDE SCREEN LCD MONITOR WITH BUILT-IN DIGITAL VIDEO RECORDER



## FEATURES

- High Resolution 19" Wide LCD Monitor provides Superior Image Quality in Live View and Playback
- Built-in Pentaplex Digital Video Recorder: View, Record, Playback, Back Up & Remotely Control the system simultaneously
- Real Time Recording: 240FPS @ CIF Resolution
- H.264 Video Compression to maximize your recording time
- Internet Remote Monitoring\* (Software included) and Web Browser access
- (4) High Resolution Weather Proof \*\* Cameras included with up to 50ft (15m) Night Vision range\*\*\*
- Large Capacity Security Certified Hard Drive pre-installed expandable up to 1000GB\*\*\*\*
- USB port for back up and convenient transferring of critical data
- Mouse Driven Navigation (mouse included) and Graphical User Interface
- Message Master software (included) allows you to send text and pictures from a remote location
- Installer Friendly - Easy Quick Start Guide and Toll Free Tech Support



L19WD800 Series

INTEGRATED SURVEILLANCE

### Monitor/Interface:

- 19" High Resolution (1400X900) Wide screen LCD
- Easy to use Graphical User Interface with transparent menus and mouse navigation (mouse included)
- Multiple control options: mouse, front panel buttons, remote control, remote access software
- Multiple video out options: Spot Video Out lets you control what shows on your Public View Monitor. Monitor Out also allows you to view images on a slave monitor
- Tri-lingual Display (English, Spanish, French)
- Screen saver for energy efficiency
- Wall mountable (VESA standard)
- Stand with cable management solution for tidier installation
- Environmentally friendly, recyclable packaging material

### Digital Video Recorder:

- 8 channels allows you to connect up to 8 cameras
- Pentaplex operation - View, Record, Playback, Back Up & Remotely Control the system simultaneously
- H.264 Video Compression Technology increases recording time by up to 30%
- Real Time Recording: Frames Per Second (FPS): 240/200 (NTSC/PAL) @ CIF resolution
- Recording Resolution: 352x240(NTSC), 352x288(PAL)
- Covert Camera - record without displaying camera image
- Continuous Recording with Motion Event logging for easy event searching
- Panic recording mode assures best quality of recording in emergency situations
- Selectable audio recording
- Programmable motion detection
- Capture activities prior to an event with programmable pre-event recording
- Quick search with bookmark recording
- Advanced user authorization supporting up to 10 users
- Security Certified Hard Drive with SATA interface, 100% duty cycle for optimal performance in the commercial video security market. Expandable up to 1000GB\*\*\*\*
- USB port for convenient transferring of critical data to USB flash drive
- Automatic watermarking of video files for secure data encryption

- 8 Programmable Alarm Inputs, 1 Relay Alarm output for convenient integration with alarm systems
- Pan/Tilt/Zoom Camera Control: RS-232 interface
- Network Protocol: TCP/IP, DDNS and Web

### Cameras:

- Advanced high resolution image sensor produces sharp and clear video with 450 TV Lines
- 30 IR LEDs provides class leading night vision range of 50ft (15m)
- True Day/Night operation using built-in IR Filter Changeable Mechanism to achieve accurate color representation in changing lighting conditions
- Advanced Day/Night mode: picture automatically switches to B&W delivering better clarity in low light conditions
- Weatherproof Design: ideal for Outdoor and Indoor applications (IP66\*)

### Software:

- Internet Remote Functions\*: View, Search & Playback, Back-up and Setup
- Message Master DID software sends text and pictures from a remote location
- Full management flexibility. Use advanced Lorex Remote Access Software (included) or web browser
- Microsoft Windows Vista™ Compatible
- Free Lorex DDNS (Dynamic Domain Name System) service keeps you connected anywhere all the time



\* Requires a high speed internet connection and router - not included

\*\* Not intended for submersion in water

\*\*\* IR illumination range up to 50 ft (15M) under ideal conditions. Objects at or beyond this range may be partially or completely obscured, depending on the camera application.

\*\*\*\* Recording capacity may vary based on recording resolution & quality, lighting conditions and movement in the scene



# SPECIFICATIONS:

## Monitor:

<b>LCD:</b>	19" Wide Screen
<b>LCD Resolution:</b>	1400 X 900
<b>Monitor display:</b>	16ch: Real time: 480/400 FPS (NTSC/PAL) 8ch: Real time: 240/200 FPS (NTSC/PAL)
<b>Image size:</b>	1.5 Kbyte (352 x 240)
<b>Video inputs:</b>	1Vp-p, CVBS, 75ohms, BNC (16ch)/ 8 BNC, 4 DIN(8 ch)
<b>Audio inputs:</b>	16ch: 4x line-in, RCA 8ch: 2 x line-in, RCA
<b>Audio output:</b>	1 x line-out, RCA
<b>Audio:</b>	2-way Audio conference (via network)
<b>Supply Voltage:</b>	100VAC-240VAC, 12VDC , 6.67A, 50/60Hz
<b>Power consumption:</b>	Approx. 80 watts
<b>Temperature range:</b>	14° F ~ 113° F (-10°C ~ 45°C)
<b>Weight:</b>	8.8 kg/ 19.5 Lbs
<b>Unit Dimensions:</b>	18.2" / 462mm X 14.5"/369mm X 2.5"/62mm (W X D X H) (Without stand)

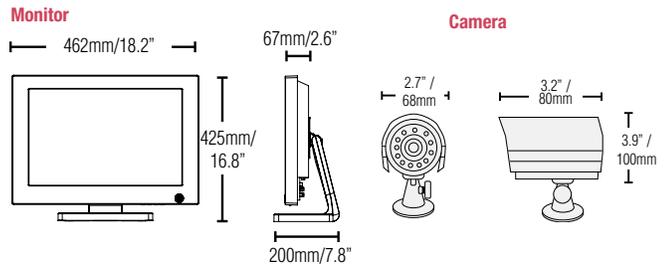
## DVR:

<b>Hard disk capacity:</b>	Preinstalled SATA HDD (Max 1000GB), Security Certified , 100% duty cycle
<b>Operating System:</b>	WinCE 5.0
<b>Secondary Storage:</b>	USB Flash Drive
<b>Back-up file formats:</b>	Proprietary
<b>Compression:</b>	H.264
<b>Recording speed:</b>	352x240 : 16 channel 480/400 (NTSC/PAL) , 352x240 : 8 channel 240/200 (NTSC/PAL) 352x240 : 4 channel 120/100 (NTSC/PAL)
<b>Record Scheduling:</b>	Daily, Weekly, Hourly per 4 channel group
<b>Pre/Post alarm recording:</b>	1~5 seconds (Pre); 5~99 seconds (Post), programmable per 4 channel group
<b>Event search:</b>	Up to 12,000 events
<b>Playback:</b>	16ch: Single, Quad or 9, 16 ch split screen 8ch: Single, Quad or 8 ch, split screen
<b>Alarm inputs:</b>	16ch: 16 x TTL, programmable as NC/NO 8ch: 8 x TTL, programmable as NC/NO
<b>Alarm outputs:</b>	1 x Relay with NO/NC contact; 24V DC/600mA
<b>Activity detection:</b>	16x12 grid, Sensitivity levels: 4
<b>PTZ Control:</b>	RS-232 interface
<b>Remote Functions:</b>	Live View, Search, Playback, Back-up, Configuration
<b>Network Speed Control:</b>	4 levels (100Kb ~ 2.5MB)/sec.
<b>Network Protocol:</b>	TCP/IP, DDNS and Web
<b>Network Interface:</b>	10/100-Base-TX, RJ-45

## Camera: CVC6993R

<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>Min 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
<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:



# BACK PANEL:



# PRODUCT INFORMATION:

<b>Model#:</b>	L19WD804321 L19WD804321F - Universal Package
<b>UPC:</b>	L19WD804321 7-78597-19806-5 L19WD804321F 7-78597-19810-2
<b>Weight:</b>	18.4 kg / 40 lb
<b>Package Dimensions:</b>	604mm/23.8" x 584mm/23" x 334mm/13.2" (W x H x D)
<b>Includes:</b>	19" LCD DVR, 320GB HDD Pre-Installed, Remote Control, Power Supply, 4 Cameras & stands, 60 ft. camera extension cables (4), 10 ft. Ethernet cable, Software application CD, Mouse

## Lorex Technology Inc.

300 Alden Road, Markham,  
Ontario L3R 4C1  
Canada.

3700 Koppers Street  
Baltimore, Maryland 21227,  
USA.

©2008 Lorex Technology Inc.

As our product is subject to continuous improvement, Lorex Technology & subsidiaries reserve the right to modify product design, specifications & prices without notice and without incurring any obligation. E&OE