



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
- H.264 video compression to maximize your recording time
- Real time recording: 240FPS @ CIF resolution
- Internet remote monitoring* (software included) and web browser access
- (4) high resolution weatherproof ** 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



L19WD843

INTEGRATED SURVEILLANCE

Monitor/Interface:

- 19" High Resolution (1400 x 900) 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) (CIF)
- 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 (1 x DIN, 1 x RCA)
- 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-485 interface

- Network Protocol: TCP/IP, DDNS and Web

Cameras (SG7540):

- High Resolution Image Sensor Produces sharp and clear video with 450 TV Lines
- 18 IR LEDs provide night vision range of 50ft (15m)***
- IR cut filter provides accurate color reproduction in all 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**)
- Built-in microphone provides one way audio from camera to the system
- 60 ft (18m) DIN weatherproof (IP66**) extension cable included per camera
- All-in-one camera cable (providing video, audio & power) plugs directly to the monitor and eliminates the need for a separate power adaptor, when connected to a DIN port
- Ceiling or wall mountable cameras with versatile stand provides flexible mounting options

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 XP™, 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

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INTEGRATED SURVEILLANCE



www.lorexcctv.com

SPECIFICATIONS:

Monitor:

LCD:	19" Wide Screen
LCD Resolution:	1400 X 900
Monitor display:	8ch: Real time: 240/200 FPS (NTSC/PAL)
Image size:	1.5 Kbyte (352 x 240)
Video inputs:	1Vp-p, CVBS, 75ohms, 8 BNC, 4 DIN
Audio inputs:	8ch: 2 x line-in, RCA
Audio output:	1 x line-out, RCA
Audio:	2-way Audio conference (via network)
Supply Voltage:	100VAC-240VAC, 12VDC, 6.67A, 50/60Hz
Power consumption:	Approx. 80 watts
Temperature range:	32° F ~ 113° F (-0°C ~ 45°C)
Weight:	8.8 kg/ 19.5 Lbs
Unit Dimensions:	18.2" / 462mm X 14.5"/369mm X 2.5"/62mm (W X D X H) (Without stand)

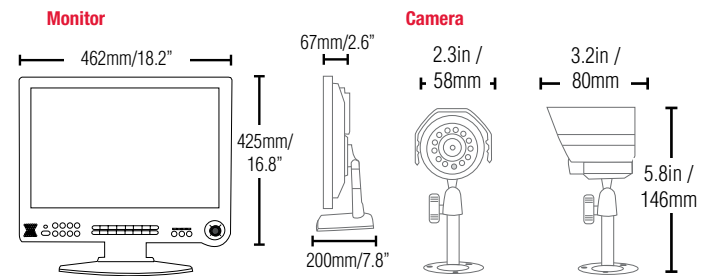
DVR:

Hard disk capacity:	Preinstalled SATA HDD (Max 1000GB), Security Certified, 100% duty cycle
Operating System:	WinCE 5.0
Backup:	USB Flash Drive
Back-up file formats:	Proprietary
Compression:	H.264
Recording speed:	352x240 : 8 channel 240/200 (NTSC/PAL)
Record Scheduling:	Daily, Weekly, Hourly per 4 channel group
Pre/Post alarm recording:	1-5 seconds (Pre); 5-99 seconds (Post), programmable per 4 channel group
Event search:	Up to 12,000 events
Playback:	8ch: Single, Quad or 8 ch, split screen
Alarm inputs:	8ch: 8 x TTL, programmable as NC/NO
Alarm outputs:	1 x Relay with NO/NC contact; 24V DC/600mA
Activity detection:	16x12 grid, Sensitivity levels: 4
PTZ Control:	RS-485 interface
Remote Functions:	Live View, Search, Playback, Back-up, Configuration
Network Protocol:	TCP/IP, DDNS and Web
Network Interface:	10/100-Base-TX, RJ-45

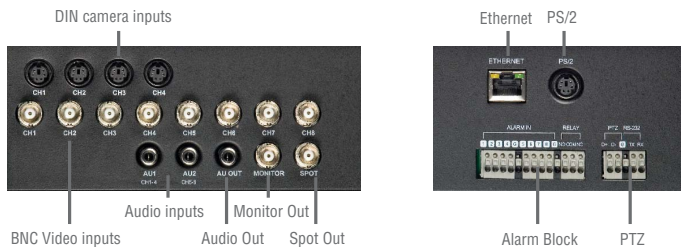
Camera: SG7540

Image Sensor:	High Resolution 1/4" Color Image Sensor
Video Format:	NTSC
Effective Pixels:	H: 656, V: 492
Resolution:	450 TV Line
Scan System:	2:1 Interlace
Sync System:	Internal
S/N Ratio:	More than 48dB
Iris:	AES
AES Shutter Speed:	1/60~1/50,000 Sec
Min Illumination:	3.0 Lux without IR LED, 0 Lux with IR LED
Video Output:	1.0Vpp @ 75 ohm
Lens/ Lens Mount:	3.6mm F 2.0/ Fixed
FOV (Diagonal):	73 degrees
Termination:	6 pin DIN
IR LED/ Night Vision Range:	18 pieces / 850 nm / 50ft/15m
Power Requirement:	12Vdc
Power Consumption:	280 mA
Operating Temp Range:	-10° ~ 50° C (14° ~ 122°F)
Environmental Rating:	IP 66

DIMENSIONS:



BACK PANEL:



PRODUCT INFORMATION:

Model#:	L19WD843
UPC:	7-78597-19813-3
Weight:	16.67 kg / 36.8 lb
Package Dimensions:	604mm/23.8" x 584mm/23" x 334mm/13.2" (W x H x D)
Includes:	19" LCD DVR, 320GB HDD Pre-Installed, Remote Control, Power Supply, 4 x Cameras & stands, 4 x 60 ft. camera extension cables, 10 ft. Ethernet cable, Software application CD, Mouse & Quick Start Guide

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