LOREX VIEW YOUR WORLD®

NETWORK VIDEO SURVEILLANCE RECORDER

HIGH DEFINITION
PEACE OF MIND

LOREX STRATUS CONNECTIVITY
SETUP IN UNDER 3 MINUTES

3 MINUTES

HDMI® Cable included

Full HD 1080

App Downloads †

Available on the App Store

Google play

Remote Connectivity †

Windows

Mac

For latest Smartphones and Tablets compatibility list and free App download check www.lorextechnology.com †

FULL-HD SERIES

- 4/8/16 CHANNELS
- 1TB OR 2TB HDD
- 1080p RESOLUTION
- 4 OR 8 INTEGRATED PoE PORTS
- 3 MIN INTERNET SETUP
- 3 MIN INTERNET SETUP

- REAL-TIME 1080P HD VIEWING & RECORDING
- STRATUS CONNECTIVITY - HASSLE FREE REMOTE SETUP
- INTEGRATED POWER & VIDEO OVER ETHERNET (POE)
- FREE APPS FOR SMARTPHONES & TABLETS

VANTAGE

LNR300 SERIES

www.lorextechnology.com

LOREX NETWORK VIDEO SURVEILLANCE RECORDER

VIEW YOUR WORLD®

EVIDENCE IS KEY, SEE IT ALL IN netHD

Surveillance at its best, view your world in full 1080p High Definition video, with Real-Time recording, digital zoom, and email notifications.

STRATUS SOLUTION

Innovative hassle-free cloud connection, complete setup with your smartphone or tablet, no PC required! Download free App, scan QR code and start viewing your world securely online!

VIEW FROM ANYWHERE IN THE WORLD

Connect & view your system on any device no matter where you are. Dual streaming allows for bandwidth efficient streaming to your mobile devices while recording HD quality to the NVR.

EASY SETUP

The auto-detect function discovers compatible IP cameras on the same local network of the NVR. Connect using Cat5E power and video over Ethernet for simple and flexible installation.

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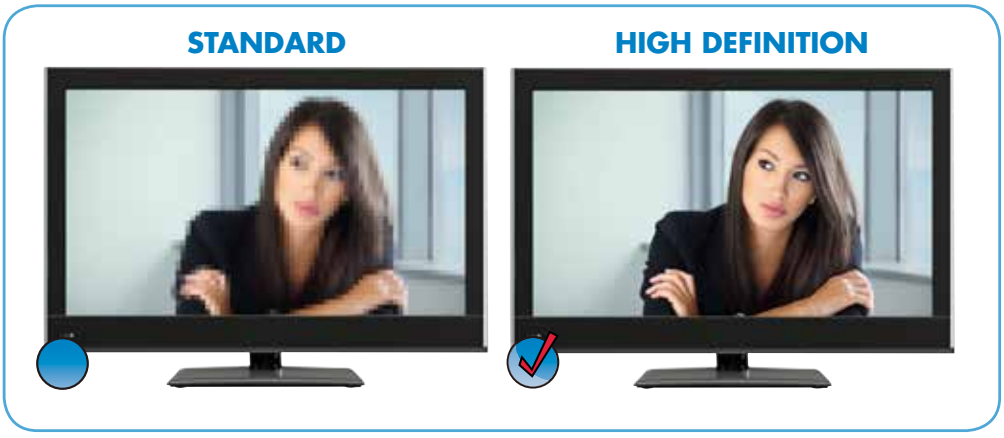
NETWORK VIDEO SURVEILLANCE RECORDER

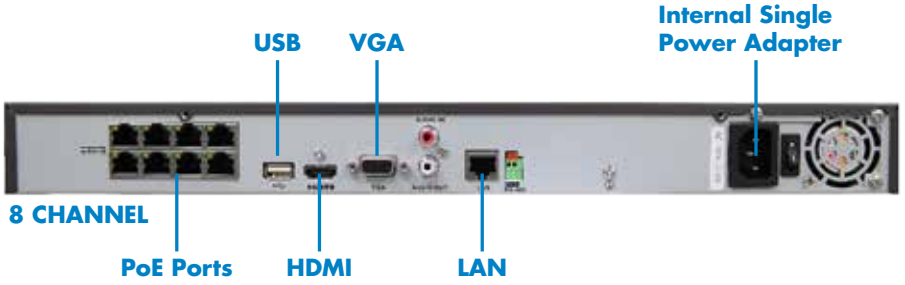
NETWORK VIDEO RECORDER FEATURES:

- FULL HD 1080P Resolution
- Real-time Recording 30fps per channel (4/8 @1080p, 16ch@720p)
- Recording speed @ 1080p (4/8/16 120/240/240fps)
- Simultaneous Playback and Live view on the same screen
- Selectable area Zoom during Live view and Playback
- Easy camera installation using Power over Ethernet (CAT5) cable
- 24/7 100% Duty Cycle Hard Disc Drive
- Expandable High Capacity Storage up to 8TB (max 2x4TB HDD)
- Mirror Hard Drive Recording - secure your recordings by backing up footage to an internal hard drive at the same time as recording to the primary hard drive [1]
- HDMI output resolution 1080p & VGA output for simple connection to HDTVs (HDMI cable included)
- Pentaplex operation - View, Record, Playback, Backup & Remotely control the system simultaneously

CONNECTIVITY FEATURES:

- LOREX Stratus Solution - Quick & simple cloud connectivity [2]
- Instant Mobile Viewing on compatible Smartphones [3]
- Dedicated iPad and Android tablet apps with multi-channel live viewing and playback
- Lorex netHD Client Software:
- PC (Microsoft Windows™ 8, 7) compatible using client software (included) & web browser
- Mac remote client software (included) and Safari web browser
- Instant e-mail alerts with snap shot attachments





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NETWORK VIDEO SURVEILLANCE RECORDER
Specifications

NVR:

SYSTEM	
Operating System	Linux (embedded)
Pentaplex	Simultaneous View, Record, Playback, Backup & Remote Monitoring
Number of Channels	4/8/16 Channels
INPUTS/OUTPUTS	
Video IN	4ch: 4ch PoE Video Input , 8/16ch: 8ch PoE Video Input
VGA Out	1-ch, resolution:1920 × 1080P /60Hz, 1600 × 1200 /60Hz, 1280 × 1024 /60Hz, 1280 × 720 /60Hz, 1024 × 768 /60Hz
HDMI	1-ch, resolution:1920 × 1080P /60Hz, 1600 × 1200 /60Hz, 1280 × 1024 /60Hz, 1280 × 720 /60Hz, 1024 × 768 /60Hz
Audio IN	1-ch, RCA (2.0 Vp-p, 1kΩ)
Audio Out	1-ch, RCA (Linear, 1kΩ)
USB Port	2 USB Interface, 1 at the back , 1 at the front
PTZ control	RS-485
DISPLAY	
Live Display	4ch: Up to 4, 8ch: Up to 8, 16ch: Up to 16
Live Display Speed	120 (4 ch)/ 240 (8 /16ch)
OSD	Configurable
System Navigation	USB Mouse, IR Remote Controller
Motion Area Setting	Adjustable grid (22 x 18)
Sensitivity levels	7
Firmware Upgrade	Via USB device and Network
Software Upgrade	Via Lorex website
User Authority	Configurable
Time Synchronization	Auto time sync by NTP server
RECORDING	
Audio Compression	G.711
Recording Resolution	1080P/720P
Recording Speed	4ch: 120fps @ 1080P, 8/16ch: 240fps @ 1080p
Recording Quality Control	6 levels
Recording Schedule	By hour, by day, by recording mode, by motion, by ch
Pre Recording	Max. 30 Secs
Post Recording	Max. 10 Minutes
Reliability	Watch-Dog, Auto-recovery after power failure
PLAYBACK	
4 Channel	Max 4ch
Playback Speed	Variable Max 8x
Playback Players	Backup Player, Client Software
Search	By time & event & tag
Log Search	Up to 2,000 lines for motion detected, configuration changes, connects/disconnects and video loss.
STORAGE & ARCHIVE	
Storage	4/8 /16ch: Up to 2 HDD's (SATA)
Maximum Capacity	4/8/16ch: Up to 8TB (2 x 4TB)
Backup Media	USB Flash Drive & USB HDD
Backup File Format	MP4

CONNECTIVITY	
Cloud Connection	Lorex Stratus Connectivity
Supported Operating Systems	**Windows**™ 7 , 8 **Mac** OSX Snow Leopard 10.6 or above
Browsers	Internet Explorer & Safari & Chrome & Firefox
Email notification	Text with picture attached
Smart Phone Compatibility†	Smart Phone & Tablet Compatibility: iPad®, iPhone®, Android Tablet (3.2 & above). Android phone (version 2.3 & above)
DDNS	Lorex DDNS, IPServer, DynDNS, PeanutHull, NO-IP
System Configuration	Full setup configuration over network
Ports	Programmable by User
Network Protocol	TCP/IP protocol, PPPoE, DHCP, DNS, DDNS, NTP, SMTP, NFS, UPnP
Network Interface	1 RJ-45 10 /100 /1000 Mbps self-adaptive Ethernet interface, 4/8 independent 10 /100 Mbps PoE Ethernet interfaces
Network Speed Control	32Kb ~ 8MB/sec.
GENERAL	
Power Consumption	≤ 15 W (without hard disk)
Supply Voltage	100~240VAC, 47~63Hz, 3A
Unit Dimensions (W x D x H)	445 × 290 × 45mm
Unit Weight (KGs)	≤ 2 Kg (without hard disk)
Operating temperature	-10 °C ~ +55 °C
Humidity	10 % ~ 90 %

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NETWORK VIDEO SURVEILLANCE RECORDER
Product Information

NVR Inputs & Outputs

4 Channel NVR

8 Channel NVR

16 Channel NVR

Product Information:

MODEL	CONFIGURATION	PACKAGE	W x D x H Inches & mm	WEIGHT	CUBE	UPC Code
LNR341	4 ch NVR with 1TB HDD	Retail Pack	487mm x 131mm x 394mm 19.1" x 5.1" x 15.5"	4.5kg/x 10lbs	0.02cbm / 0.87cbf	7-78597-34002-0
LNR382	8 ch NVR with 2TB HDD	Retail Pack	487mm x 131mm x 394mm 19.1" x 5.1" x 15.5"	4.9kg/x 11lbs	0.02cbm / 0.87cbf	7-78597-360035
LNR363	16 ch NVR with 3TB HDD	Retail Pack	487mm x 131mm x 394mm 19.1" x 5.1" x 15.5"	4.9kg/x 11lbs	0.02cbm / 0.87cbf	7-78597-38002-6
INCLUDES	NVR with Pre-Installed HDD, HDMI Cable, Remote Control, Power adapter, Mouse, Ethernet Cable, Quick Start Guide & Software CD.					

Dimensions:

NVR

DISCLAIMERS:

1. Mirror recording requires a second hard drive (not included) to be installed in the NVR. Mirrored hard drive must be as large or larger than the primary hard drive to backup all recordings. Backup begins from when the mirrored hard drive is installed and configured.
2. Instant Mobile Viewing on iPad®, iPhone®, Android (version 2.3 & above). Mobile phone data plan is required (not included). Router port forwarding required. For the latest smart phone compatibility list check www.lorextechnology.com as new smart phone models become available in the market.
3. Requires a high speed internet connection and a router (not included). An upload speed of 1Mbps is recommended for the best video performance. Up to 3 devices may connect to the system at the same time.

† Smart Phone & Tablet Compatibility: iPad®, iPhone®, Android (version 2.3 & above). Mobile phone data plan is required (not included). For the latest compatibility list check www.lorextechnology.com as new models become available in the market.

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