LOREX VIEW YOUR WORLD®

FULL HD
NETWORK VIDEO SURVEILLANCE RECORDER

HIGH DEFINITION
PEACE OF MIND

Remote Connectivity & Compatibility

iPhone® iPad® Windows Mac

FULL-HD SERIES

- 4/8 CHANNELS
- 1TB OR 2TB
- 1080p RESOLUTION
- 4 OR 8 INTEGRATED PoE PORTS
- HDMI

- FULL 1080p HD VIEWING & RECORDING
- INTEGRATED POWER OVER ETHERNET (PoE)
- REAL-TIME HD1080p RECORDING
- FREE REMOTE CONNECTIVITY
- HDMI & VGA OUTPUTS

VANTAGE

LNR200 SERIES

HDMI® Cable included

Full HD 1080

www.lorextechnology.com

LOREX
VIEW YOUR WORLD

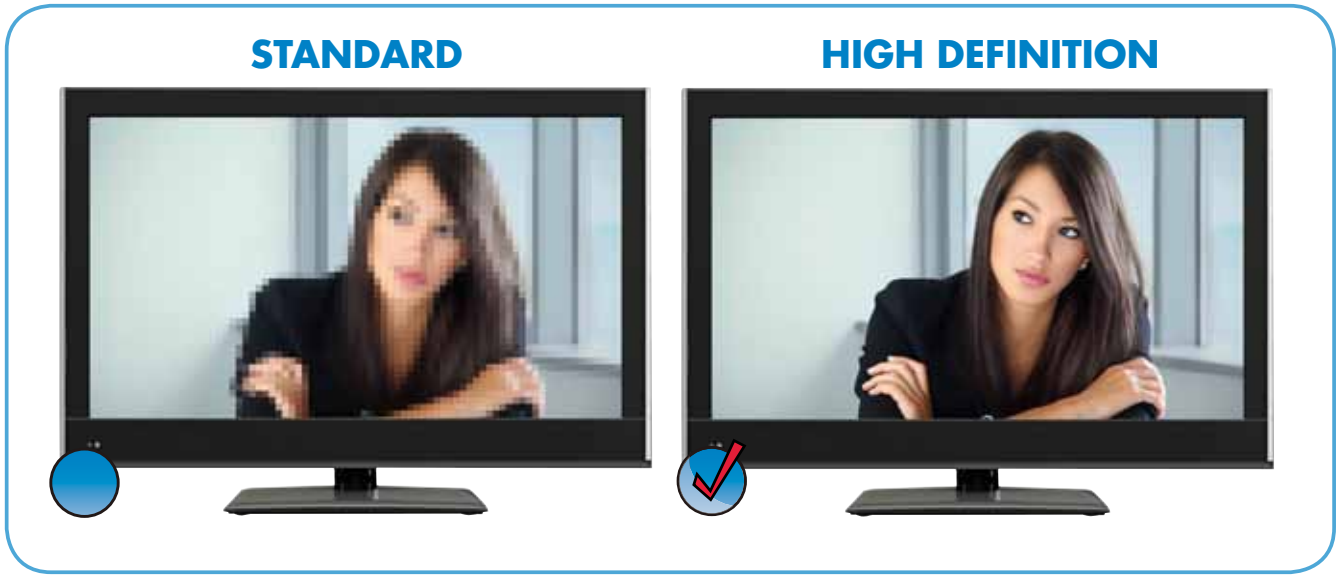
FULL HD
NETWORK VIDEO SURVEILLANCE RECORDER

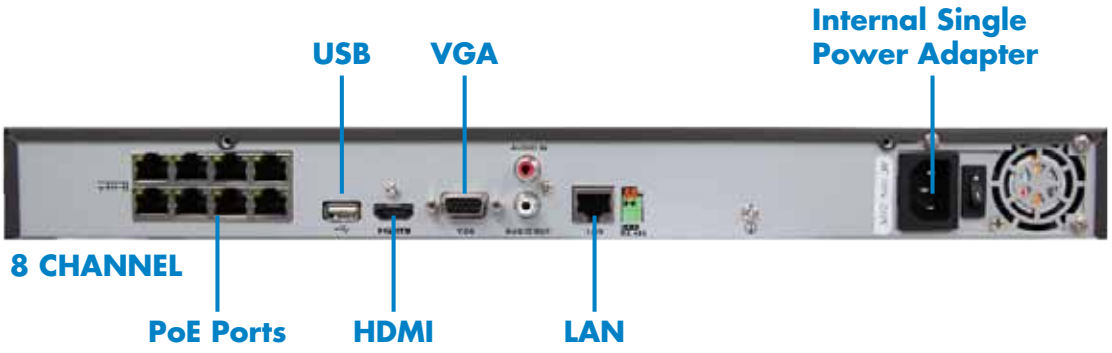
EVIDENCE IS KEY, SEE IT ALL IN netHD
View your world like never before, security at its best with High Definition (1080p) video and amazing digital zoom.

VIEW FROM ANYWHERE IN THE WORLD
Dual streaming allows for bandwidth efficient streaming to your mobile devices while recording HD quality to the NVR.

SIMPLE PLUG & PLAY INSTALLATION
Using integrated power & data over Ethernet (PoE) cables saves space and time.

LARGE CAPACITY STORAGE
Capture and store high definition video on a reliable surveillance grade hard drive.





VANTAGE

LNR200 SERIES

www.lorextechnology.com

LOREX
VIEW YOUR WORLD®

FULL HD
NETWORK VIDEO SURVEILLANCE RECORDER

NETWORK VIDEO RECORDER FEATURES:

- FULL HD1080p resolution
- Real-time Recording (30fps) on each channel at 1080p resolution
- Simultaneous playback and live view on the same screen
- Selectable area zoom during live and playback display
- Easy camera installation using Power over Ethernet (CAT5) cable
- 24/7 100% duty cycle hard disc drive
- Expandable high capacity storage - up to 8TB (2 x HDD up to 4TB each)
- 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 :

- Instant mobile viewing on compatible smartphones [2]
- Dedicated iPad® and Android tablet apps with multi-channel live viewing and playback
- Exclusive LOREX Easy Connect Internet Set-up Wizard [3]
- 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
- Free LOREX DDNS (Dynamic Domain Name Service) for advanced remote connectivity at all times
- Instant e-mail alerts with snap shot attachments of event and web link

VANTAGE

LNR200 SERIES

FULL HD NETWORK VIDEO SURVEILLANCE RECORDER
Specifications

NVR:

SYSTEM	
Operating System	Linux (embedded)
Pentaplex	Simultaneous View, Record, Playback, Backup & Remote Monitoring
Number of Channels	4/8 Channels
INPUTS/OUTPUTS	
Video IN	4/8ch IP 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	2USB Interface, 1 at the back , 1 at the front
PTZ control	RS-485
DISPLAY	
Live Display	4ch: Up to 4, 8ch: Up to 8
Live Display Speed	120 (4 ch)/ 240 (8 ch)
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, 8ch: 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 ch: Up to 2 HDD's (SATA)
Maximum Capacity	4/8ch: Up to 8TB (2 x 4TB)
Backup Media	USB Flash Drive & USB HDD
Backup File Format	MP4

CONNECTIVITY	
Easy Connect	Lorex Auto Port Forward Wizard
Supported Operating Systems	Windows™ 8/7/Vista
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 %

VANTAGE

LNR200 SERIES

FULL HD NETWORK VIDEO SURVEILLANCE RECORDER
Product Information

DVR Inputs & Outputs

4 Channel DVR

8 Channel DVR

Product Information:

MODEL	CONFIGURATION	PACKAGE	W x D x H Inches & mm	WEIGHT	CUBE	UPC Code
LNR241	4 ch NVR with 1TB HDD	Brown Box	487mm x 131mm x 394mm 19.1" x 5.1" x 15.5"	4.5kg/x 10lbs	0.02cbm / 0.87cbf	7-78597-00241-6
LNR282	8 ch NVR with 2TB HDD	Brown Box	487mm x 131mm x 394mm 19.1" x 5.1" x 15.5"	4.9kg/x 11lbs	0.02cbm / 0.87cbf	7-78597-00281-2
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) be installed in the NVR. Mirror hard drive must be as large or larger than primary hard drive to backup all recordings. Backup begins from when mirror 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).

All trademarks belong to their respective owners. No claim is made to the exclusive right to use the trademarks listed, other than the trademarks owned by Lorex Technology Inc. We reserve the right to change models, configurations or specifications without notice or liability. Product may not be exactly as shown. Images are simulated.

Lorex Technology Inc.

250 Royal Crest Court
Markham, Ontario, Canada
L3R 3S1

901 Elkridge Landing Road, Suite 100
Linthicum, Maryland 21090,
USA.

© 2013 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.

3-04242013