

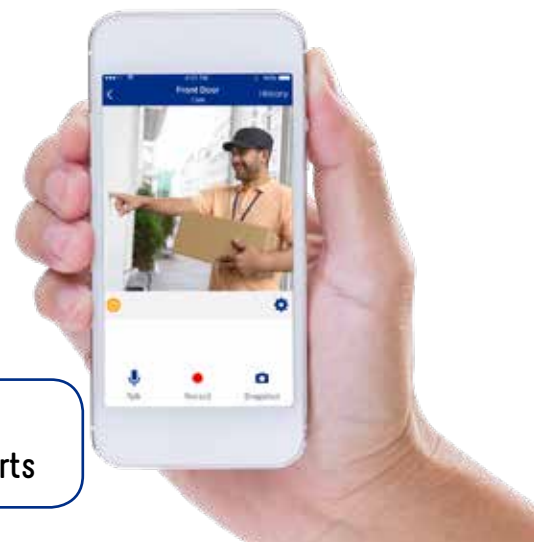
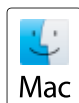
# LOREX<sup>®</sup>

## 4K ULTRA HD NETWORK VIDEO RECORDER



## WELCOME THE FUTURE OF HIGH DEFINITION VIDEO RECORDING

View your world in more detail than ever with 4K HD recording for 4× the detail of 1080p. 4K video output lets you view live and recorded video in full resolution on a 4K TV. The NVR's Power over Ethernet ports make setup quick and easy, with one cable installation per camera that provides both power and HD video.



8 Channels Up to 8TB HDD 4K Support 8 PoE Ports

LNR6100 Series NVRs

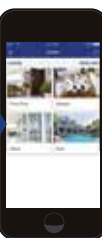
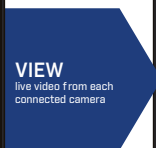
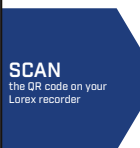
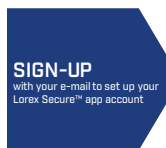
[www.lorextechnology.com](http://www.lorextechnology.com)

## FEATURES:

- Supports real-time recording up to 8MP on all channels – 4× the detail of 1080p @ up to 25/30fps
- Supports industry-leading 4K recording <sup>1</sup>
- 8 built in PoE (Power over Ethernet) ports providing video and power over a single Ethernet cable
- Lorex Secure™ app for live viewing, playback, video recording & snapshots (iPhone® / iPad® / Android™) <sup>2</sup>
- PC and Mac compatible – Lorex Cloud™ video management software gives you complete control over your security system from anywhere <sup>2</sup>
- 24/7 security-grade pre-installed hard drive <sup>3</sup>
- Expandable high capacity storage up to 8TB
- Automatically detects compatible IP cameras in the network <sup>4</sup>
- 4K video output – view multiple HD channels in full resolution on a 4K TV
- H.265 / H.264 video compression offers reduced file size, improved storage and network efficiency <sup>3</sup>
- Pentaplex Operation – view, record, playback, back up & remotely control the system simultaneously
- Click-and-drag digital zoom in live view and playback
- Convenient front panel button controls
- Accurate time stamps with NTP & daylight savings time
- Instant backup of live video to a USB flash drive
- Automatic firmware upgrade over the Internet ensures your system is secure and up-to-date <sup>5</sup>
- Push notifications of motion events
- Instant email alerts with snapshot attachment
- Multi-streaming to conserve bandwidth
- Continuous, scheduled, and motion recording
- Dual video outputs (HDMI and VGA) to connect multiple monitors
- HDMI cable included for simple connection to HD & 4K TVs



## Easy to Connect



### SYSTEM

Operating System	Linux (embedded)
Pentaplex	View, Record, Playback, Backup & Remote Monitoring
Number of Channels	8 Channels

### Inputs/Outputs

Video IN	8ch: 8 PoE Video Input
BNC OUT	No
VGA OUT	Yes
HDMI OUT	Yes
Audio IN	1 Line IN (RCA) for service only
Audio OUT	1 Line OUT (RCA) for service only
USB Port	1 at the back, 1 at the front
Alarm IN	None
Alarm OUT	None
Video Output Resolution	3840x2160, 1920x1080, 1280x1024, 1280x720, 1024x768
PTZ control	Lorex IP PTZ cameras only

### Display

8ch: 1/4/8	
Live Display Speed	8ch: 240fps NTSC / 200fps PAL
OSD	ON/OFF
System Navigation	USB Mouse, IR Remote Control, Front Panel Buttons
Motion Area Setting	Fixed Grid (22x18)
Sensitivity Levels	100
Firmware Upgrade	Automatic over the Internet & via USB device and network
User Authority	By user group
Time Synchronization	Automatic time sync by NTP server

### RECORDING

Video Compression	H.264 / H.265
Audio Compression	G.711
Resolution	4K (MP) ~ 720p
Record Rate	8ch: up to 240fps @720p/1080p/3MP/4MP/8MP
Recording Resolution Setting	Per camera for different resolutions
Recording Quality Control	6 Levels
Recording Schedule	By hour, by day, by recording mode, by motion, by alarm, by channel
Pre Recording	Max. 4 Secs
Post Recording	Max. 5 Minutes
Reliability	Watch-Dog, auto-recovery after power failure
Covert Video	Yes

### PLAYBACK

Playback Channel	1/4
Playback Speed	Variable Max 16x
Playback Players	Backup Player
Search	By Time & Event
Log Search	Up to 1,000 lines for motion detected, configuration changes, connects/disconnects and video loss
Audio Play	Yes (audio camera required)

### STORAGE & ARCHIVE

Storage	Up to 1 HDDs (SATA)
Maximum Capacity	Up to 1x8TB
Backup Media	USB Flash Drive & HDD
Backup File Format	DAV or ASF File

### CONNECTIVITY

Cloud Connection	Lorex Secure™
Supported Operating Systems	Windows™ / Mac OS X
Remote Software	Client Software (PC & Mac)
Email Notification	Text with snapshot
Instant Smart Phone & Tablet	Android™, iPad®, iPhone®
DDNS	Free Lorex DDNS
System Configuration	Full setup configuration over network
Ports	Programmable by User
Network Protocol	HTTP, IPv4/IPv6, TCP/IP, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, PPPOE, DDNS, FTP, IP Filter
Network Interface	10/100-Base-TX, RJ-45
Network Bit Rate	80Mbps total, 48~8192kbps per camera

### GENERAL

Power Consumption	Approx. 8.3W (no HDD included)
Supply Voltage	100VAC-240VAC, 50/60Hz, DC48V/2A
Total PoE Power Output	80W (Max 25.5 per camera)
Unit Dimensions (W x D x H)	12.8 x 10.1 x 2.2" 325 x 255 x 55mm
Unit Weight	8ch: 3.53lbs / 1.6kg
Operating Temperature	14° ~ 131°F / -10° ~ 55°C
Humidity	10 ~ 90% RH

### RECORDING RESOLUTION (PIXELS) & MAXIMUM SPEED (FPS - FRAMES PER SECOND)

		720p	1080p	3MP	SUPER HD 4MP	4K
		1280x720	1920x1080	2048x1536	2688x1520	3840x2160
<b>8ch</b>	Total	240	240	240	240	240
	Per channel	30	30	30	30	30

### NVR Inputs & Outputs

#### 8 Channel



### Dimensions:



### Product Information:

MODEL	CONFIGURATION	PACKAGE	W x D x H Inches & millimeters	WEIGHT	CUBE	UPC Code
LNR61082T	8-Channel 4K HD NVR with 2TB HDD	Brown Box	18.5 x 6.9 x 16.7" / 470 x 175 x 425mm	11.6lbs / 5.3kg	1.3cbf / 0.04cbm	6-95529-01340-4
LNR61083T	8-Channel 4K HD NVR with 3TB HDD	Brown Box	18.5 x 6.9 x 16.7" / 470 x 175 x 425mm	11.6lbs / 5.3kg	1.3cbf / 0.04cbm	6-95529-01491-3

Includes: 4K HD NVR with pre-installed HDD, 1x HDMI Cable, 1x Ethernet Cable, 1x Power Adapter, 1x Mouse, 1x Remote Control, Quick Setup Guides

### Disclaimers:

1. 8MP IP cameras are required to take advantage of 4K recording.
2. Requires a high speed internet connection and a router (not included). A minimum upload speed of 3.5Mbps is required for the best video performance. Up to 3 devices may connect to the system at the same time. For the latest list of supported apps and devices, please visit [www.lorexttechnology.com/support](http://www.lorexttechnology.com/support)
3. Recording time may vary based on recording resolution & quality, lighting conditions and movement in the scene.
4. Compatible with Lorex PoE HD IP cameras only. For a list of compatible cameras, please visit [www.lorexttechnology.com/compatibility](http://www.lorexttechnology.com/compatibility)
5. Both firmware and software must be updated to latest version to ensure remote connectivity. Firmware updates are pushed to the NVR automatically over the Internet (available at [www.lorexttechnology.com](http://www.lorexttechnology.com)). Always update to the latest software after upgrading the NVR firmware.

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