WELCOME THE FUTURE OF HIGH DEFINITION VIDEO RECORDING

View your world in more detail than ever with real-time 4K HD recording for 4× the detail of 1080p. 4K video output lets you view multiple HD channels 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.

8/16/32 Channels 2-8TB HDD 4K Support 8/16 PoE Port

LNK7000 Series NVRs www.lorex.com
FEATURES:

- Recording up to 8MP (Ultra HD 4K) on all channels – 4× the detail of 1080p ¹
- 8/16 PoE (Power over Ethernet) ports provide video and power over a single Ethernet cable
- PC and Mac compatible video management software gives you complete control over your security system from anywhere
- 24/7 security-grade pre-installed hard drive ³
- Expandable high capacity storage 8 ch max 8TB, 16/32ch max 12TB
- Automatically detects compatible IP cameras ⁴
- 4K video output – view up to 4 HD channels simultaneously in full resolution on a 4K TV/ Monitor
- H.265 video compression and multi-streaming offers reduced file size and network strain for remote viewing and up to 50% savings on hard drive storage ³
- 16/32 channel supports 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 ⁵
- Pentaplex Operation – view, record, playback, back up & remotely control the system simultaneously
- Click-and-drag digital zoom in live view and playback ⁶
- Convenient front panel button controls
- Accurate time stamps with NTP & daylight savings time
- Instant backup of live video to a USB flash drive
- Dual video outputs (HDMI and VGA) to connect multiple monitors
- HDMI cable included for simple connection to HD & 4K TVs / Monitors
- Automatic firmware upgrade over the Internet ensures your system stays up-to-date ⁷
- Push notifications of motion events
- Instant email alerts with snapshot attachment
- Multi-streaming to conserve bandwidth ²
- Continuous, scheduled, and motion recording

Visit www.lorex.com/compatibility for information on compatible apps and software.
**SYSTEM**

- **Operating System**: Linux (embedded)
- **Pentaplex**: Simultaneous View, Record, Playback, Backup & Remote Monitoring
- **Number of Channels**: 8/16/32 Channels

**Inputs/Outputs**

- **Video IN**: 8ch: 8 PoE Video Input
  - 16/32ch: 16 PoE Video Input
- **VGA**: Yes
- **HDMI**: Yes
- **Audio IN**: No - Service jack only
- **Audio OUT**: 1 Line OUT (RCA)
- **USB Port**: 8ch: 1 at the back, 1 at the front
  - 16/32ch: 2 at the back (1 x USB2.0, 1 x USB3.0), 1 at the front
- **Alarm IN / OUT**: 8ch: 4 IN / 1 OUT
  - 16/32ch: 16 IN / 1 OUT
- **Video Output Resolution**: 3810×2160, 2560×1440, 1920×1200, 1600×1200, 1680×1050, 1920×1080, 1440×900, 1280×1024, 1280×720, 1024×768
- **PTZ control**: Yes

**Display**

- **Display Split**: 8ch: 1/4/9
  - 16ch: 1/4/9/16
  - 32ch: 1/4/9/16/32
- **Live Display Speed**: Real-time (30fps — camera dependent)
- **OSD**: ON/OFF
- **System Navigation**: USB Mouse, IR Remote Control
- **Motion Area Setting**: Fixed grid 1320 (44×30)
- **Sensitivity Levels**: 8
- **Firmware Upgrade**: Automatic over the Internet & via USB device
- **User Authority**: By user group
- **Time Synchronization**: Automatic time sync by NTP server

**Recording**

- **Video Compression**: H.265 / H.264
- **Audio Compression**: G.711
- **Resolution**: 8MP (4K) – 720p
- **Record Rate**: Real-time (30fps — camera dependent)
- **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**: 2 Seconds
- **Post Recording**: Minimum 30 sec; maximum 5 min
- **Reliability**: WatchDog, auto-recovery after power failure
- **Covert Video**: Yes

**Playback**

- **Playback Channel**: 8ch: 1/4/8
  - 16/32ch: 1/4/9/16
- **Playback Speed**: Variable Max 1.6x
- **Playback Players**: Backup Player
- **Search**: By time/date, motion detection & exact search (accurate to the second)
- **Log Search**: Up to 4,000 lines for system configuration changes, motion/alarm detected, account, recording & storage.
- **Audio Play**: Yes (audio camera required)

**Storage & Archive**

- **Storage**: 8ch: Up to 1 HDD (SATA)
  - 16/32ch: Up to 2 HDDs (SATA)
- **Maximum Capacity**: 8ch: Up to 1x6TB
  - 16/32ch: Up to 2x6TB
- **Backup Media**: USB flash drive, HDD and network
- **Backup File Format**: H.265, H.264 or MP4 file

**Connectivity**

- **Cloud Connection**: Lorex Cloud™ Connectivity
- **Supported Operating Systems**: Windows™ / Mac OS X
- **Remote Software**: Web Client Software (PC & Mac)
- **Email Notification**: Test with snapshot
- **Instant Smart Phone & Tablet**: Android™, iPad®, iPhone®, & Tablet
- **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
- **Network Interface**: 10/100/1000M, RJ-45
- **Network Bit Rate**: 8ch: Maximum 100Mbps total
  - 16/32ch: Maximum 320Mbps total

**General**

- **Power Consumption**: 8ch: Approx. 4.5W (no HDD installed)
  - 16ch: Approx. 20.5W (no HDD installed)
  - 32ch: Approx. 24W (no HDD installed)
- **Supply Voltage**: 8ch: 48V, 2A
  - 16/32ch: 100VAC-240VAC
- **Total PoE Power Output**: 8ch: 80W (Max 30W per channel)
  - 16/32ch: 130W (Max 30W per channel)
- **Unit Dimensions**
  - 8ch: 11.8 × 8.9 × 2.1" / 300 × 227 × 53mm (1U)
  - 16/32ch: 15.0 × 12.2 × 2.0" / 380 × 310 × 50mm (1.5U)
- **Unit Weight**
  - 8ch: 2.4lbs / 1.1kg
  - 16/32ch: 5.7lbs / 2.6kg
- **Operating Temperature**: 14° ~ 131°F / -10° ~ 55°C
- **Humidity**: 10 ~ 90% RH

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

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<th>1080p</th>
<th>3MP</th>
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**Product Information:**

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<tr>
<th>MODEL</th>
<th>CONFIGURATION</th>
<th>PACKAGE</th>
<th>W x D x H (Inches &amp; millimeters)</th>
<th>WEIGHT</th>
<th>CUBE</th>
<th>UPC Code</th>
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<tbody>
<tr>
<td>LNK71082T</td>
<td>8-Channel 4K HD NVR with 2TB HDD</td>
<td>Brown Box</td>
<td>16.7 × 3.9 × 10.5&quot; (424 × 99 × 266mm)</td>
<td>5.7lb / 2.5kg</td>
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Includes: 4K HD NVR with pre-installed HDD, 1× HDMI Cable, 1× Ethernet Cable, 1× Power Cable, 1× Mouse, 1× Remote Control, Quick Start Guides

**Disclaimers:**

1. 8MP/4K 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 viewing devices may connect to the system at the same time. For the latest list of supported apps and devices, please visit www.lorex.com/support.
3. Recording time may vary based on recording resolution & quality, lighting conditions and movement in the scene.
4. Compatible with Lorex LKB/LKE series PoE HD IP cameras only. For a list of compatible cameras, please visit www.lorex.com/compatibility.
5. 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.
6. Supports multiple Lorex IP Pan-Tilt-Zoom (PTZ) cameras (sold separately - visit lorex.com/compatibility)
7. 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.lorex.com). Always update to the latest software after upgrading the NVR firmware.