WELCOME THE FUTURE OF
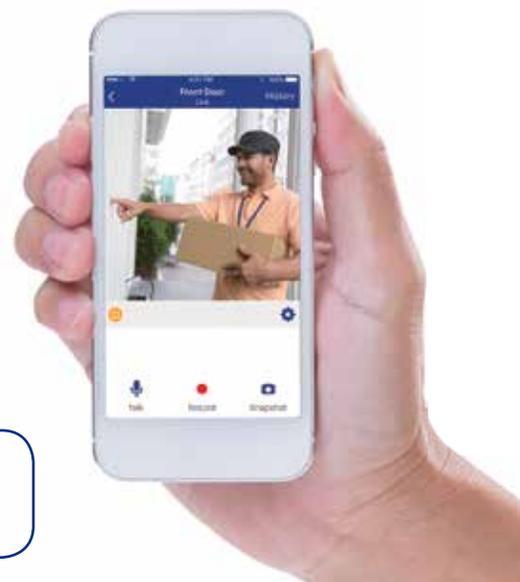## HIGH DEFINITION VIDEO RECORDING

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.

Lorex Cirrus™

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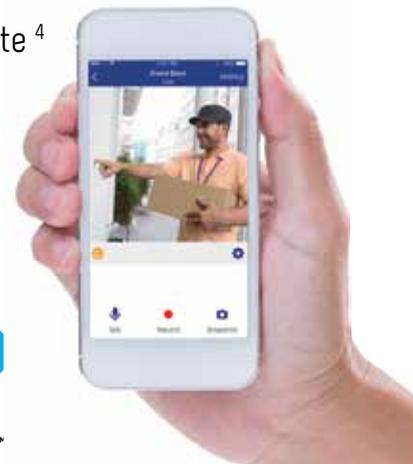**8** Channels   **2-8TB** HDD   **4K** Support   **8** PoE Ports

FEATURES:

- Recording up to 8MP (Ultra HD 4K) on all channels – 4× the detail of 1080p [1]

- Support for select Lorex 4K Ultra HD Active Deterrence Network Security cameras [1]

- 8 PoE (Power over Ethernet) ports provide video and power over a single Ethernet cable

- Lorex Cirrus™ app with 3-Step setup [2] connects all your cameras and systems from any iOS or Android smartphone [2]

- 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 max 8TB

- 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]

- 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

- 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 [4]

- Push notifications of motion events

- Instant email alerts with snapshot attachment

- Multi-streaming to conserve bandwidth

- Continuous, scheduled, and motion recording

Lorex Cirrus™

SYSTEM

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

Inputs/Outputs

Video IN	8 PoE Video Input
VGA	Yes
HDMI	Yes
Audio IN	No - Service jack only
Audio OUT	1 Line OUT (RCA)
USB Port	1 at the back, 1 at the front
Alarm IN / OUT	4 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	1/4/9
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	Watch-Dog, auto-recovery after power failure
Covert Video	Yes

Playback

Playback Channel	1/4/8
Playback Speed	Variable Max 16x
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	Up to 1 HDD (SATA)
Maximum Capacity	Up to 1×8TB
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	Text with snapshot
Instant Smart Phone	Android™, 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
Network Interface	10/100/1000M, RJ-45
Network Bit Rate	Maximum 100Mbps total

General

Power Consumption	Approx. 4.5W (no HDD installed)
Supply Voltage	48V, 2A
Total PoE Power Output	80W (Max 30W per channel)
Unit Dimensions (W × H × D)	11.8 × 8.9 × 2.1″ / 300 × 227 × 53mm (1U)
Unit Weight	2.4lbs / 1.1kg (lbs / kg)
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
		1280×720	1920×1080	2048×1536	2688×1520	3840×2160
8ch	Total	240/200	240	240	240	240
	Per channel	30/25	30	30	30	30

NVR Inputs & Outputs

8 Channel

Dimensions:

8 Channel

8.9˝ / 227mm

2.0˝ / 50mm

11.8˝ / 300mm

Product Information:

MODEL	CONFIGURATION	PACKAGE	W x D x H Inches & millimeters	WEIGHT	CUBE	UPC Code
LNK7108X2T	8-Channel 4K HD NVR with 2TB HDD	Brown Box	16.7 × 3.9 × 10.5˝ 424 × 99 × 266mm	5.7lb / 2.5kg	0.3cbf / 0.008cbm	6-95529-01860-7
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. Compatible with Lorex LKB/LKE series PoE HD IP cameras only. For a list of compatible cameras, please visit www.lorex.com/compatibility
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.lorextechnology.com/support
3. Recording time may vary based on recording resolution & quality, lighting conditions and movement in the scene.
4. 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.