



VIEW YOUR WORLD IN 4K ULTRA HD

Record outstanding 4K Ultra High Definition video with exceptional video resolution & quality. Stay connected to what matters most from anywhere in the world with Lorex Cloud™ apps for smartphones and tablets.



Lorex Cloud™



8/16 Channels

1-8TB HDD

4K 8MP Ultra HD Resolution

FEATURES:

- True 4K Ultra HD recording on all cameras ¹
- 24/7 security-grade pre-installed hard drive
- Continuous, scheduled, and motion recording
- H.264+ video compression reduces data bandwidth requirements for efficient data storage, reduced network load for easy remote connectivity
- HDMI output (HDMI cable included) for simple connection to HD TVs ²
- Accurate time stamps with NTP & daylight savings time
- Click and drag digital zoom in live view and playback
- 2 video outputs (HDMI & VGA) to connect multiple monitors
- Instant USB backup of live video from selected camera
- Automatic firmware upgrade over the Internet ensures your system is secure and up to date ³
- Lorex Cloud™ app with 3-Step setup ⁴ connects all your cameras and systems from any iOS or Android smartphone and tablet
- Motion push notifications and email alerts
- Dual streaming to conserve bandwidth
- Backward compatible with standard analog cameras



Lorex Cloud™



SYSTEM

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

INPUTS/OUTPUTS

Video IN	8/16 x 1Vpp, CVBS, 75ohms, BNC
Video OUT	No
VGA OUT	Yes
HDMI	Yes
Audio IN	1 lines IN (RCA)
Audio OUT	1 line OUT (RCA)
USB Port	1 at the back, 1 at the front
Alarm IN	None
Alarm OUT	None
Video Output Resolution	8/16 ch: HDMI: 3840x2160; 2560x1440; 1920x1200; 1600x1200; 1680x1050; 1920x1080; 1440x900; 1280x1024; 1280x720; 1024x768
PTZ control	RS-485 Pelco D & P Protocol

DISPLAY

Live Display	8 ch: 1, 4, 8 16 ch: 1, 4, 8, 9, 16
Live Display Speed	8 ch: 240 NTSC, 200 PAL 16 ch: 480 NTSC, 400 PAL
OSD	ON/OFF
System Navigation	USB Mouse, IR Remote Controller, Front Panel
Motion Area Setting	Fixed Grid 396 pixels (22x18) NTSC/PAL
Sensitivity	100
Firmware Upgrade	Automatic over the Internet & via USB device and Network
User Authority	By user group
Time Synchronization	Auto time sync by NTP server

RECORDING

Video Compression	H.264+
Audio Compression	G.711
Recording Resolution*	4K/8MP (3840x2160), 2K/4MP (2688x1520), 3MP (2304x1296), 1080p (1920x1080), 720p (1280x720), 960x480, 704x480, 352x480, 704x240, 352x240, 176x120
Recording Frame Rate	4K@7fps (per ch), 4MP@15fps (per ch), 3MP/1080p/720p/960H: 30fps (NTSC)
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 channel
Pre Recording	Max. 30 Secs
Post Recording	Max. 5 Minutes
Reliability	Watch-Dog, Auto-recovery after power failure
Covert Video	Yes

PLAYBACK

Playback Channel	8 ch: 1 / 4 / 8 16 ch: 1 / 4 / 9 / 16
Playback Speed	Variable Max 4x
Playback Players	Backup Player
Search	By Time/Date & Motion Event
Log Search	Up to 1000 lines for system, configuration changes, motion/alarm detected, account, record & storage
Audio Play	Yes

STORAGE & ARCHIVE

Storage	Up to 1 HDD (SATA)
Maximum Capacity	Up to 1 x 8TB
Backup Media	USB Flash Drive & HDD
Backup File Format	DAV/ASF file

CONNECTIVITY

Cloud Connection	Lorex Cloud™ Connectivity
Supported Operating Systems	Windows™ Mac OS X
Remote Software	Client Software (PC) & Safari (Mac)
Email notification	Text with snapshot
Instant Smart Phone & Tablet Support ⁴	iPad®, iPhone®, Android™ apps
DDNS	None
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
Network Interface	10/100Base-TX, RJ-45
Network Bit Rate	Max 64Mbps

GENERAL

Power Consumption	Approx. 10 watts (no HDD included)
Supply Voltage	8ch: 100VAC-240VAC, 12VDC, 2A, 50/60Hz 16ch: 100VAC-240VAC, 12VDC, 3A, 50/60Hz
Unit Dimensions	12.8 x 10.0 x 2.2" / 325 x 255 x 55mm
Unit Weight (KGs)	3.3lb / 1.5kg (without hard drive)
Operating temperature	14°F ~ 130°F / -10°C ~ 55°C
Humidity	10 ~ 90% RH

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

		4K (8MP) Ultra HD	2K (4MP) Super HD	3MP, 1080p, 720p, 960H
8ch	Total	56/47	120/96	240/200
	Per channel	7/6	15/12	30/25
16ch	Total	112/90	240/192	480/400
	Per channel	7/6	15/12	30/25

*4K & 4MP High Definition MPX cameras are required to take advantage of 4K & 4MP recording.

DVR Inputs & Outputs

8 Channel DVR (DV908)



16 Channel DVR (DV916)



Dimensions:

8/16 Channel DVR



Product Information:

MODEL	CONFIGURATION	PACKAGE	W × D × H Inches & mm	WEIGHT	CUBE	UPC Code
DV9081	8CH 4K (8MP) ULTRA HD DVR WITH 1 TB HDD	Brown Box	14.6 × 4.5 × 12.2" 371 × 115 × 310mm	5.95 lb / 2.70 kg	0.46cft / 0.01cbm	6-95529-01788-4
DV9082	8CH 4K (8MP) ULTRA HD DVR WITH 2 TB HDD	Brown Box	14.6 × 4.5 × 12.2" 371 × 115 × 310mm	5.95 lb / 2.70 kg	0.46cft / 0.01cbm	6-95529-01525-5
DV9162	16CH 4K (8MP) ULTRA HD DVR WITH 2 TB HDD	Brown Box	14.6 × 4.5 × 12.2" 371 × 115 × 310mm	5.95 lb / 2.70 kg	0.46cft / 0.01cbm	6-95529-01529-3
DV9163	16CH 4K (8MP) ULTRA HD DVR WITH 3 TB HDD	Brown Box	14.6 × 4.5 × 12.2" 371 × 115 × 310mm	5.95 lb / 2.70 kg	0.46cft / 0.01cbm	6-95529-01594-1
INCLUDES	1 × 4K Ultra HD DVR with pre-installed HDD, 1 × HDMI cable, 1 × Ethernet cable, 1 × DVR power adapter, 1 × Remote control, 1 × Mouse, Quick setup guide					

Disclaimers:

- Compatible with select 4K (8MP), 2K (4MP), 1080p and 720p MPX cameras and standard analog cameras. For a full list of compatible cameras and additional information, please visit www.lorextechnology.com/compatibility
- Recording time may vary based on recording resolution & quality, lighting conditions and movement in the scene.
- HDMI output up to 4K (8/16ch). VGA output is 1080p for all models. Up to 4K (8MP) recording resolution is limited to a maximum of 4K (8MP) per channel. Image quality and resolution is dependent on the type of camera connected to the DVR. VGA output is limited to 1080p resolution.
- 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 2 devices may connect to the system at the same time.

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