



VIEW YOUR WORLD IN 2K SUPER HD

Record outstanding 2K Super HD video for double the detail of 1080p. Stay connected to what matters most from anywhere in the world with FLIR Cloud[™] apps for smartphones and tablets.





FEATURES:

- True 2K SuperHD 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
- FLIR 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

2K HIGH DEFINITION DIGITAL VIDEO SURVEILLANCE RECORDER Specifications

SYSTEM					
Operating System	Linux (embedded)				
Pentaplex	Simultaneous View, Record, Playback, Backup & Remote Monitorin				
Number of Channels	4/8/16 ch				
INPUTS/OUTPUTS					
Video IN	4/8/16 x 1Vp-p, 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: 3840×2160; 2560×1440; 1920×1200; 1600×1200; 1680×1050; 1920×1080; 1440×900; 1280×1024; 1280×720; 1024×768 4 ch: Supports up to 4MP through the HDMI port. For all models, VGA output is limited to 1080p (2MP).				
PTZ control	RS-485 Pelco D & P Protocol				
DISPLAY					
Live Display	4 ch: 1, 4 8 ch: 1, 4, 8 16 ch: 1, 4, 8, 9, 16				
Live Display Speed	4 ch: 120 NTSC, 100 PAL 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 (22×18) 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*	4MP (2688×1520), 3MP (2304×1296), 1080p (1920×1080), 720p (1280×720), 960×480, 704×480, 352×480, 704×240, 352×240, 176×120				
Recording Frame Rate	4MP: 4ch @ 12fps, 8/16ch @ 15fps (per ch) 3MP/1080p/720p/960H: 30fps (NTSC): 4/8/16ch				
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 Channel	4 ch: 1/4 8 ch: 1/4/8 16 ch: 1/4/9/16		
Playback Speed	Variable Max 4×		
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 × 8TB		
Backup Media	USB Flash Drive & HDD		
Backup File Format	DAV/ASF file		
CONNECTIVITY			
Cloud Connection	FLIR Cloud [™] Connectivity		
Supported Operating Systems	Windows™ Mac OSX		
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	10/100-Base-TX, RJ-45		
Network Bit Rate	Max 64Mbps		
GENERAL			
Power Consumption	Approx. 10 watts (no HDD included)		
Supply Voltage	4/8ch: 100VAC-240VAC, 12VDC, 2A, 50/60Hz 16ch: 100VAC-240VAC, 12VDC, 3A, 50/60Hz		
	12.8 × 10.0 × 2.2" / 325 × 255 × 55mm		
Unit Dimensions			
Unit Dimensions Unit Weight (KGs)	3.3lb / 1.5kg (without hard drive)		
	3.3lb / 1.5kg (without hard drive) 14°F ~ 130°F / -10°C ~ 55°C		

RECORDING RESOLUTION (PIXELS) & SPEED (FPS - FRAMES PER SECOND)						
		4MP SuperHD	3MP, 1080p, 720p, 960H			
4ch	Total	48/40	120/100			
	Per channel	12/10	30/25			
8ch	Total	120/96	240/200			
	Per channel	15/12	30/25			
16ch	Total	240/192	480/400			
	Per channel	15/12	30/25			

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

www.lorextechnology.com



DVR Inputs & Outputs



8 Channel DVR (DV808)



Dimensions:

4/8/16 Channel DVR



Product Information:

MODEL	CONFIGURATION	PACKAGE	W × D × H Inches & mm	WEIGHT	CUBE	UPC Code	
DV8041	4CH 2K SUPER HD DVR WITH 1TB HDD	Brown Box	14.6 × 4.5 × 12.2" 371 × 115 × 310mm	5.95 lb / 2.70 kg	0.46cft / 0.01cbm	6-95529-01377-0	
DV8082	8CH 2K Super HD DVR with 2TB HDD	Brown Box	14.6 × 4.5 × 12.2" 371 × 115 × 310mm	5.95 lb / 2.70 kg	0.46cft / 0.01cbm	6-95529-01380-0	
DV8163	8CH 2K Super HD DVR with 3TB HDD	Brown Box	14.6 × 4.5 × 12.2" 371 × 115 × 310mm	5.95 lb / 2.70 kg	0.46cft / 0.01cbm	6-95529-01381-7	
INCLUDES	1 × 2K Super HD DVR with pre-installed HDD, 1 × HDMI cable, 1 × Ethernet cable, 1 × DVR power adapter, 1 × Remote control, 1 × Mouse, 1 × Quick setup guide						

Disclaimers:

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

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 Corporation, a division of FLIR Commercial Systems Inc.

250 Royal Crest Court Markham, Ontario, Canada L3R 3S1 7055 Troy Hill Drive Elkridge, Maryland 21075 USA www.lorextechnology.com

© 2017 Lorex Corporation

As our product is subject to continuous improvement, Lorex Corporation & subsidiaries reserve the right to modify product design, specifications & prices without notice and without incurring any obligation. E&OE.