VIEW YOUR WORLD IN FULL 1080p HD

Experience true 1080p high definition security video that captures every detail. Stay connected wherever you go with free smartphone and tablet apps.

4/8/16 Channels 1-3TB HDD 1080p Resolution
FEATURES:

- True 1080p recording on all cameras
- 24/7 security-grade hard drive
- Continuous, scheduled and motion recording
- PTZ cameras supported, remote control through App
- H.264 video compression
- HDMI output (HDMI cable included) for simple connection to HDTVs
- 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
- FLIR Secure app with 3-Step setup connects all your cameras and systems from any iOS or Android smartphone, tablet, or PC/Mac
- Safe and secure cloud storage with FLIR Cloud, included with the free Basic package
- Motion push notifications and email alerts
- Dual streaming to conserve bandwidth
- Backwards compatible with standard analog cameras

FLIR SECURE—ONE APP TO WATCH IT ALL

Get set up in an instant and stay connected with the FLIR Secure™ app. Enjoy remote live viewing, cloud recording, create RapidRecaps, review videos, and get important motion and sound alerts on-the-go. The FLIR Secure™ app connects all your cameras and systems from any iOS or Android smartphone, tablet, or PC/Mac.

<table>
<thead>
<tr>
<th>FLIR Cloud™</th>
<th>Basic</th>
<th>Premium</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cloud history</td>
<td>2 days</td>
<td>30 days</td>
</tr>
<tr>
<td>Cloud storage</td>
<td>10GB</td>
<td>Unlimited</td>
</tr>
<tr>
<td>RapidRecap® video</td>
<td>3 per month</td>
<td>Unlimited</td>
</tr>
<tr>
<td>RapidRecap length</td>
<td>8 hours</td>
<td>Unlimited</td>
</tr>
<tr>
<td>No. of channels/cameras</td>
<td>1</td>
<td>1</td>
</tr>
</tbody>
</table>

DV700FS Series DVRs

www.lorextechnology.com
**RECORDING RESOLUTION (PIXELS) & SPEED (FPS - FRAMES PER SECOND)**

<table>
<thead>
<tr>
<th></th>
<th>720p</th>
<th>1080p</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>4ch</strong></td>
<td>Total</td>
<td>60/48</td>
</tr>
<tr>
<td></td>
<td>Per channel</td>
<td>15/12</td>
</tr>
<tr>
<td><strong>8ch</strong></td>
<td>Total</td>
<td>120/96</td>
</tr>
<tr>
<td></td>
<td>Per channel</td>
<td>15/12</td>
</tr>
<tr>
<td><strong>16ch</strong></td>
<td>Total</td>
<td>240/192</td>
</tr>
<tr>
<td></td>
<td>Per channel</td>
<td>15/12</td>
</tr>
</tbody>
</table>

**SYSTEM**

Operating System: Linux (embedded)

Pentaplex: Simultaneous view, record, playback, backup & remote monitoring

Number of Channels:
- 4/8/16 Channels - 1080p MPX, 720p MPX, or analog cameras supported
- 30/25 15/12

**INPUTS/OUTPUTS**

Video IN: 4/8/16

Video OUT: 4/8 ch: No, 16 ch: Yes, 1 VGA & 1 HDMI

VGA OUT: Yes

HDMI: Yes

Audio IN: 1 line IN (RCA)

Audio OUT: 1 line IN (RCA)

USB Port: 1 at the back, 1 at the front

Alarm IN: None

Alarm OUT: None

Video Output Resolution: 1920x1080 (HDMI), 1280x1024, 1024x768

PTZ Control: RS-485 Pelco D & P Protocol

**DISPLAY**


Live Display Speed:
- 4 ch: 120fps NTSC, 100fps PAL
- 8 ch: 240fps NTSC / 200fps PAL
- 16 ch: 480fps NTSC / 400fps PAL

OSD: ON/OFF

System Navigation: USB mouse, IR remote controller, front panel buttons

Motion Area Setting: Adjustable grid (22x18)

Sensitivity Levels: 100

Firmware Upgrade: Automatic over the Internet & via USB device

User Authority: By user group

Time Synchronization: Auto time sync by NTP server

**RECORDING**

Video Compression: H.264

Audio Compression: G.711

Resolution NTSC:
- 4/8 ch: 1080p (1920x1080), 720p (1280x720), 960x480, 704x480, 352x480, 704x240, 352x240
- 16 ch: 1080p (1920x1080), 720p (1280x720), 960x480, 704x480, 352x480, 704x240, 352x240, 176x144

Resolution PAL:
- 4/8 ch: 1080p (1920x1080), 720p (1280x720), 960x576, 704x576, 352x288
- 16 ch: 1080p (1920x1080), 720p (1280x720), 960x576, 704x576, 352x288, 176x144

Recording Frame Rate:
- NTSC: 4 ch: 60fps@1080p / 120fps@720p 8 ch: 120fps@1080p / 240fps@720p 16 ch: 240fps@1080p / 480fps@720p
- PAL: 4 ch: 48fps@1080p / 100fps@720p 8 ch: 96fps@1080p / 200fps@720p 16 ch: 192fps@1080p / 400fps@720p

Recording Resolution Setting: Per camera for different resolutions

Recording Quality Control: 6 Levels

Recording Schedule: 4/8 ch: By hour, by day, by recording mode, by motion, by channel

Pre Recording: Max. 30 seconds

Post Recording: Max. 5 minutes / Min. 10 seconds

Reliability: Watch-Dog, auto-recovery after power failure

Cover Video: Yes

**PLAYBACK**

Playback Channel: 4 ch: 1/4, 8 ch: 1/4/8, 16 ch: 1/4/8/16

Playback Speed Variable: Variable Max 4x

Playback Players: Backup Player

Search: By time, date, event

Log Search: Up to 1,000 lines for motion detected, configuration changes, connects / disconnects & video loss

Audio Play: Yes

**STORAGE & ARCHIVE**

Storage: Up to 1 HDD (SATA)

Maximum Capacity: Up to 1x6TB

Backup Media: USB Flash Drive & HDD

Backup File Format: DAV or ASF file

**CONNECTIVITY**

Cloud Connection: FLIR Secure™ with RapidRecap®

Supported Operating Systems: Windows™, Mac OSX

Remote Software: Client Software (PC) & Safari (Mac)

Email Notification: Text with snapshot

Instant Smartphone: iPad®, iPhone®, Android™ & Tablet Support

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

Network Interface: 10/100-Base-TX, RJ45

Network Bit Rate: 48Kb – 8Mbps per camera

**GENERAL**

Power Consumption: Approx. 10 Watts (no HDD included)

Supply Voltage: 100VAC-240VAC, 12VDC, 2A, 50/60Hz

Unit Dimensions (W x D x H): 12.8 x 9.6 x 2.0” / 325 x 245 x 50mm

Unit Weight (lb / kg): 3.3lb / 1.5kg (without HDD)

Operating Temperature (°F / °C): 32° – 104°F / 0° – 40°C

Humidity: 10 – 90% RH

**DV700FS Series DVRs**

www.lorextechnology.com
Disclaimers:

1. Compatible with Lorex 1080p and 720p wired HD cameras only. For a list of compatible cameras, please visit www.lorextechnology.com/support. Recording time may vary based on recording resolution and quality, lighting conditions and movement in the scene.

2. Recording time may vary based on recording resolution & quality, lighting conditions and movement in the scene.

3. HDMI output (1920x1080) HD for high definition multi-channel live viewing only. 1080p Recording resolution is limited to a maximum of 1920x1080 per channel. Image quality and resolution is dependent on the type of camera connected to the DVR.

4. Requires a high speed internet connection and a router (not included). A minimum upload speed of 3Mbps is required for the best video performance. Up to 2 devices may connect to the system at the same time.

5. FLIR Cloud Basic includes complimentary 10GB of cloud video storage dating back 2 days, along with three RapidRecaps per month for one channel or camera. For more cloud storage and an unlimited number of RapidRecaps, FLIR offers FLIR Cloud Premium for additional fees. FLIR reserves the right to cancel or modify the terms of the complimentary FLIR Cloud Basic or FLIR Cloud Premium plans at any time. Premium Plan available for up to 3 channels (1 premium subscription required per channel). For more information visit flirsecure.com

6. For the latest list of supported apps and devices, please visit www.lorextechnology.com/support

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