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

• 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

• 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

• FLIR Cloud™ app with 3-Step setup 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
**SYSTEM**

- Operating System: Linux (embedded)
- Pentaplex: Simultaneous View, Record, Playback, Backup & Remote Monitoring
- 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:
  - 4/8/16 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:
- 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, Autorecovery after power failure
- Covert Video: Yes

**PLAYBACK**

- Playback Channel:
  - 4 ch: 1 / 4
  - 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 × 8TB
- Backup Media: USB Flash Drive & HDD
- Backup File Format: DAV/ASF file

**CONNECTIVITY**

- Cloud Connection: FLIR Cloud™ Connectivity
- Supported Operating Systems: Windows™, Mac OS
- Email notification: Text with snapshot
- Instant Smart Phone & Tablet Support: iPad®, iPhone®, Android™ apps
- DDNS: None
- System Configuration: Full setup configuration over network
- Ports: Programmable by User
- Network Interface: 10/100Base-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
- Unit Dimensions: 12.8 × 10.0 × 2.2” / 325 × 255 × 55mm
- Unit Weight (KGs): 3.3lb / 1.5kg (without hard drive)
- Humidity: 10 ~ 90% RH

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

<table>
<thead>
<tr>
<th>Channels</th>
<th>4MP</th>
<th>3MP, 1080p, 720p, 960H</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Total</td>
<td>48/40</td>
</tr>
<tr>
<td></td>
<td>Per channel</td>
<td>12/10</td>
</tr>
<tr>
<td></td>
<td>Total</td>
<td>120/96</td>
</tr>
<tr>
<td></td>
<td>Per channel</td>
<td>15/12</td>
</tr>
<tr>
<td></td>
<td>Total</td>
<td>240/192</td>
</tr>
<tr>
<td></td>
<td>Per channel</td>
<td>15/12</td>
</tr>
</tbody>
</table>

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

**4 Channel DVR (DV804)**

**16 Channel DVR (DV816)**

**8 Channel DVR (DV808)**

### Dimensions:

4/8/16 Channel DVR

**Product Information:**

<table>
<thead>
<tr>
<th>MODEL</th>
<th>CONFIGURATION</th>
<th>PACKAGE</th>
<th>W × D × H Inches &amp; mm</th>
<th>WEIGHT</th>
<th>CUBE</th>
<th>UPC Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>DV8041</td>
<td>4CH 2K SUPER HD DVR with 1TB HDD</td>
<td>Brown Box</td>
<td>14.6 × 4.5 × 12.2&quot;</td>
<td>5.95 lb / 2.70 kg</td>
<td>0.46cft / 0.01cbm</td>
<td>6-95529-01377-0</td>
</tr>
<tr>
<td>DV8082</td>
<td>8CH 2K Super HD DVR with 2TB HDD</td>
<td>Brown Box</td>
<td>14.6 × 4.5 × 12.2&quot;</td>
<td>5.95 lb / 2.70 kg</td>
<td>0.46cft / 0.01cbm</td>
<td>6-95529-01380-0</td>
</tr>
<tr>
<td>DV8163</td>
<td>8CH 2K Super HD DVR with 3TB HDD</td>
<td>Brown Box</td>
<td>14.6 × 4.5 × 12.2&quot;</td>
<td>5.95 lb / 2.70 kg</td>
<td>0.46cft / 0.01cbm</td>
<td>6-95529-01381-7</td>
</tr>
</tbody>
</table>

**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.

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