



- View, manage and control your camera feeds
- View live video from anywhere with the mydlink™ website or App
- Motion or schedule based recording of high-quality video and audio
- Up to 60-days of recording with nine HD network cameras

## mydlink™ Network Video Recorder (NVR)

### Product Highlights

#### Standalone Recording Solution

The DNR-322L can record video from up to nine D-Link cameras without the need for a PC. Its built-in hard drive bays accept up to 8 TB of storage for months of video recording<sup>1</sup>.

#### Easy to Configure

Auto camera discovery, a setup wizard and free remote apps make this Network Video Recorder (NVR) simple to configure and operate.

#### Simple, yet Powerful

Record on motion, email alerts, video playback searching and multi-megapixel and HD camera support provide powerful NVR functionality in a small affordable package.

### Easy to use, yet powerful camera recording solution

It has never been easier to set up security for your home or small business. Unlike other solutions that require you to change network settings to access your recorded footage, the mydlink™ Network Video Recorder (DNR-322L) is simple to manage and access. Simply run the installation CD, assign your NVR to your mydlink account or if you are a first time user, set one up, and you are ready to go. The DNR-322L will even automatically discover your D-Link cameras on your network for you.

### All-in-one solution

The DNR-322L NVR supports the latest hard drive technology with room to add up to 8 terabytes of storage<sup>2</sup>, enough for months of video recording<sup>1</sup>. Using industry standard video compression options, the DNR-322L packs in even more video for later retrieval or exporting. Advanced motion detection, email alerts, video backup and two-way audio provide the functionality of NVRs costing significantly more.



### services

D-Link Cloud Service gives you the ability to remotely view D-Link network cameras connected to your DNR-322L NVR from any Internet-connected computer, iPhone®, iPad® or Android™ device anytime and anywhere.

#### Easy 3-Step Installation



#### Package Contents

- mydlink™ Network Video Recorder
- Power Adapter
- Ethernet Cable
- Quick Install Guide
- CD-ROM

#### Minimum System Requirements

##### Computer with:

- Pentium 4 – 2.4 GHz
- 512MB RAM
- Web browser - Internet Explorer 7 or above
- Windows® 7<sup>4</sup>, Windows Vista<sup>®4</sup> or Windows® XP SP2<sup>2</sup>
- CD-ROM Drive

##### For Storage:

- Internal 3.5" SATA 2.0 Hard Drive(s)<sup>1</sup>
- RAID Requires x2 Drives

##### For Internet Access:

- Cable or DSL Modem
- Subscription with an Internet Service Provider (ISP)

##### For Viewing Apps:

- iPhone®, iPad® or Android™ Devices

### A complete and flexible security solution

The DNR-322L is the perfect solution for small businesses or people that travel and need to leave their properties unattended for long periods of time. With 2 bays for standard, inexpensive hard drives, you can choose the recording capacity that best suits your needs. The DNR-322L can be set up to record only during certain periods of time (for example, at night or during the weekends), or based on events, like on motion detection, so the recording capacity can be extended much longer.

### Versatile monitoring

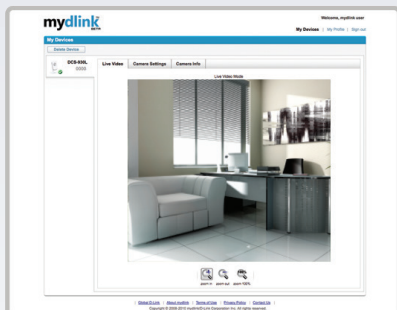
Users have a variety of options for viewing and organizing camera footage on-screen. If multiple cameras have been set up in a property, users can simply drag and drop video from selected cameras to the viewing area. Camera names and recording statuses are clearly displayed for easy reference. Users can control pan/tilt/zoom (PTZ) functions<sup>3</sup> from within the interface or by directly clicking on the video.

### Secure storage

User accounts can be set up to limit access to the NVR or assign different access privileges for users by specifying the cameras they are allowed to access. For added security the recorded footage can be backed up to external storage at a different location. The NVR also includes the option to protect data using a RAID 1 configuration, which duplicates recorded video onto two separate hard drives. So your video is safe even if one of the hard drives fails.



Start viewing your camera's video feed from anywhere with Internet access

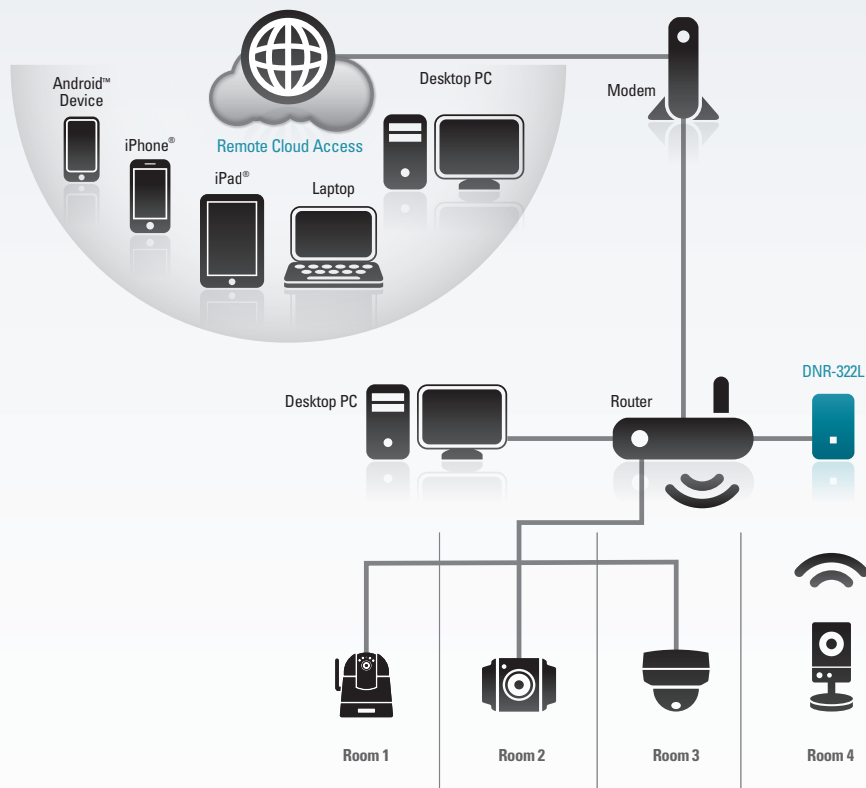


### Extensive recording functionality

The mydlink™ Network Video Recorder's interface allows for straightforward configuration including compression, resolution, and frame rate for all connected cameras. Once the cameras have been set up, recordings can be made continuously, or according to a user-defined schedule. The NVR also provides event recording based on specific triggers such as when motion is detected.

### Features

- Supports up to 9 D-Link network cameras
- Supports 1 channel playback
- Supports H.264, MPEG-4 or MJPEG real-time recording
- Easy network camera setup and management
- Supports mydlink™ service for easy Internet access
- Simultaneous live viewing, recording and playback
- Weekdays or daily scheduled recording
- Audio & video recording
- Supports continuous, scheduled and manual recording modes
- Continuous recording with automatic overwrite function
- Power fail recovery recording
- Two 3.5" SATA 2.0 Hard Drive Bays<sup>7</sup>
- Multiple Hard Drive Configurations Including: RAID 0, RAID 1, Standard, and JBOD
- High Performance with Gigabit Ethernet Connectivity
- PPPoE, DHCP and Static IP assignment support
- Green solution with low power consumption and eliminating the use of a PC
- User-friendly UI for live viewing with full-screen, snapshots and PTZ control
- Useful playback with step/fast forward/rewind, enhance video and backup
- Calendar search and video preview before playback
- Export video clips from the playback as evidence
- Supports all D-Link Network Cameras<sup>4</sup>
- 1-Year Limited Warranty<sup>6</sup>



# DNR-322L mydlink™ Network Video Recorder

## Technical Specifications

### Supported Cameras

- Supports all D-Link network cameras. Includes support for auto-discovery, and up to 3 megapixel resolution.

### Recording Performance

- Max. capacity (NVR mode only):
- H.264 1080P (bitrate): 90 Mbps
- H.264 720P (bitrate): 90 Mbps
- MJPEG 1080P (frame rate): 90 fps
- MJPEG 720P (frame rate): 192 fps
- Max. capacity (NVR+File Server mode):
- H.264 1080P (bitrate): 68 Mbps
- H.264 720P (bitrate): 68 Mbps
- MJPEG 1080P (frame rate): 70 fps
- MJPEG 720P (frame rate): 150 fps

### Camera Search

- UPnP

### Audio & Video Recording

- Synchronized audio & video recording

### Compression Format

- H.264, MPEG-4, M-JPEG (for supported cameras)

### Video Settings

- Resolution, quality, frame rate, enable audio, go to camera interface

### Recording Type

- Record by schedule, manual, and event-based recording
- Motion-triggered recording

### Remote Live View

- Supported via IE Explorer (Max. 9 simultaneous channels)
- Supports mydlink portal (Max. 1 simultaneous channel)

### Remote Live View Control

- Live view, preset/go, patrol, focus, PTZ functions, snapshot, full screen, digital zoom, e-map, multiple view (1/4/6/9/16/25/36/48) with duplicated carrier

### Remote Playback

- Supported via IE and NVR client
- Playback system with timeline GUI, search by event, area, cameras, date and time
- Internet Explorer and NVR client support 1-channel playback
- Digital zoom

### Overwrite Recording

- Auto recycling when disk storage is full

### File Export

- Export videos to AVI or ASF file
- Export images to BMP or JPG file

### User Account

- Additional accounts can be created to allow user access to the system, and specify authorization for camera channels, PTZ, etc

### System Time

- Set the system time (D-Link NTP, input time, sync with computer, Daylight Saving Time)

### DDNS

- D-Link DDNS server support

### Remote Backup

- Remote software can backup raw data to redundant storage
- Auto backup of previous day's video to FTP server

### System Status

- Camera status, System status
- Still picture EMAP support

### Network Service Protocols

- IPV4, ARP, TCP, UDP, ICMP
- DHCP Client
- NTP Client (D-Link)
- DNS Client
- DDNS Client (D-Link)
- SMTP Client
- HTTP Server
- PPPoE
- UPnP
- IP filtering

### User Interface

- IEEE 802.3/u/z
- Auto MDI/MDI-X
- SATA I, II

### Hard Disk<sup>1</sup>

- Hard Disk control & management via PC
- Reformat Disk
- RAID 0<sup>2</sup>
- RAID 1<sup>2</sup>
- JBOD

### Two Reset Modes

- Reset firmware GUI button
- HW reset button (hold for 5 seconds)

### Flash Rom

- 128 MB

### RAM

- 256 MB DDR II

### Network Interface

- Gigabit Ethernet LAN port (10/100/1000 Mbps)

### I/O ports

- RJ45 port

- DC-in jack
- USB port for UPS status update (optional)

### Power Adapter

- DC 12V/4 A

### Power Consumption

- Max. power consumption: 25.20 W
- Standby state max. power consumption: 0.23 W

### Dimension (w x d x H)

- 4.53 x 5.76 x 7.03 inches (115 x 146.4 x 178.5 mm)

### Weight

- 0.875 kg (1.93 lbs)

### Operating Temperature

- 0° to 55° C (32° to 131° F)

### Storage Temperature

- Operating: 5% to 90% (non-condensing)

### Certifications

- CE
- FCC
- RoHS

<sup>1</sup>Amount of storage is dependent on number of cameras, resolution and frame rate.

<sup>2</sup>Hard drive(s) is not included. An internal 3.5" SATA 2.0 drive is required to store or share files and must be formatted before use. RAID 0 and RAID 1 require the use of two (2) SATA drives. To avoid drive incompatibility in RAID 0 or RAID 1 operation, use SATA drives from the same manufacturer. Formatted drive capacity for RAID 1 operation is dependent on the drive capacity of the lower-sized drive. May not work with older generation SATA drives. For a list of SATA drives that have been tested to work with the DNR-322L visit your D-Link office website.

<sup>3</sup>Only for cameras with PTZ functionality

<sup>4</sup>Computer must adhere to Microsoft's recommended system requirements.

<sup>5</sup>Please visit the D-Link website for an updated list of supported cameras.

<sup>6</sup>1-Year Limited Warranty available only in the USA and Canada.

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