**Product Highlights**

**Intuitive and Easy to Use**
Manage up to 64 network cameras on one screen with a user interface that is streamlined and simple

**Multiple-Channel Playback**
View and playback high quality real-time video from multiple channels allowing for quick and efficient analysis

**Pan/Tilt/Zoom Control**
Enable high resolution monitoring and expand your survey area with motorised pan/tilt allowing you to keep an eye on important areas

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**DCS-250**

**D-ViewCam Plus**

**Features**

**Video and Camera Support**
- Supports up to 64 network cameras
- Supports all D-Link network cameras
- Supports an extensive range of third party network cameras
- Connect to D-Link NVR devices to view videos through remote live viewer
- MJPEG/MPEG-4/H.264 compression format
- Megapixel network camera support
- 30 fps maximum recording per camera
- Intelligent search tool for quick and accurate search of video footages

**Pan/Tilt/Zoom Control**
- Auto pan to scan surveillance area automatically
- Manual control
- Preset positions and patrolling for effective surveillance area monitoring

**Ease of Use**
- Multilingual support
- Live monitoring
- Automatic discovery of network cameras
- Alarm status for easy and instant response whenever an event occurs
- Remote playback/web playback support
- Video playback control

The DCS-250 D-ViewCam Plus is a comprehensive network camera surveillance software designed for medium-to-large business as well as enterprise users. It centrally manages up to 64 network cameras and is compatible with current D-Link network cameras, video servers and an extensive range of third party network cameras. This software offers digital monitoring and recording of video, audio, and events for use in various security applications. Furthermore, this easy-to-use surveillance software provides users with a wide array of features, including Multiple-Channel playback, high resolution monitoring and live view.

**Live Monitoring & Centralised Management**

The DCS-250 is a comprehensive surveillance system designed to centrally manage up to 64 network cameras, while displaying real-time status information. Map mode allows you to create maps based on camera location and orientation, and the Device Tree lists all the cameras connected to the interface for easy viewing. Additional features such as patrol, rotate, zoom, and focus provide users with optimal control over their video surveillance.

**Video Recording & Playback**

The D-ViewCam Plus offers scheduled, motion and manual recording options to meet specific user demands. Recorded files can be searched according to video type or selected within the user interface for playback, editing, or AVI/ASF file conversion.

**Event Action Configuration**

Event Action provides enhanced surveillance and security by detecting events from smoke detectors, magnetic door sensors, emergency buttons, cameras, card readers, or other I/O devices. Connect any of these devices to the I/O connector of a compatible D-Link network camera so that, when an event triggers a device, a notification is immediately sent to the D-ViewCam Plus software. The D-ViewCam Plus then notifies you either by e-mail or an audio alert.
Video & System Database Backup

The D-ViewCam Plus playback function allows users to load and play a recorded file on a Windows PC. It allows users to monitor a live feed on one computer while watching a recorded file on another. D-ViewCam Plus also provides a utility (DBTool) to reconstruct, repair or relocate the databases (such as event log, system log, video recording) in a local drive or external drive. It also supports the import/export of configuration files, enabling users to synchronize surveillance settings across devices.

Intelligent Video Analytics

Powerful optional Intelligent Video Surveillance (IVS) packages are available for the D-ViewCam Plus, including Presence/Tripwire and Counting IVS packages. The Presence/Tripwire Package (DCS-250-PRE-001-LIC) allows users to set up to 40 zones or lines which detects when an object is inside or is crossing a zone or a line, as well as camera-shake elimination; whilst the Counting Package (DCS-250-COU-001-LIC), allows objects such as people or vehicles to be counted. Both packages provide tamper detection to give users an extra piece of mind.

Compatible with Third Party CMS

A Central Management System (CMS) can manage an unlimited number of network cameras worldwide, allowing simultaneous operation by unlimited workstations. A CMS is considered to be the omni-solution for large-scale projects, such as defence installations, justice facilities, security companies, city surveillance, and national and international enterprises. To meet these needs, the D-ViewCam Plus can be integrated with an existing third party CMS to provide a flexible surveillance solution.

Your Network Setup

D-ViewCam Plus

Intelligent Video Surveillance (IVS) Packages

D-ViewCam Plus IVS Presence License (1 channel) (DCS-250-PRE-001-LIC)

This license enables video analytics functions to detect when an object is inside or is crossing a zone or a line.

Effective video analytics

• Low cost and affordable
• 40 detection zones or lines

Precise detection algorithm

• Up to 95% accuracy
• No false alarms from falling leaves, rain, snow or camera noise

Save recording space

• Recording function triggers only on event, with high precision detection algorithm which translates to significant savings in storage space

Stabiliser:

• In environments where camera stability is an issue, this feature compensates for any movement to provide a clear view

Tamper Detection:

• Detects any event that significantly changes the field of view of the camera, such as loss of focus if the camera has been covered up.

D-ViewCam Plus IVS Counting License (1 channel) (DCS-250-COU-001-LIC)

This license enables video analytics functions such as people and vehicle counting, camera stability and tamper detection for the D-ViewCam Plus for one camera. The engine can track, classify, and analyse the behaviour of individual or a group of objects over long distances to greatly improve parameter security and monitoring efficiency.

• Instant alarm notifications
• Intelligent event search with video
• Intuitive 3D grid calibration
• 40 detection zones and tracks up to 100 targets per camera
• Self-learning algorithm automatically adapts to environment changes

People Counting

• Includes a bi-directional line-crossing filter, suitable for counting people in busy doorways and entrances

Vehicle Counting

• Captures statistics on vehicle flow
• Provides an estimated speed of the vehicle

Tamper Detection:

• Detects any event that significantly changes the field of view of the camera, such as focus loss of camera being covered up.
### Technical Specifications

#### General

| Camera Support | • Supports up to 64 cameras via 2 x 32 channel licenses | • Megapixel network camera support |
| Video Compression | • MJPEG/MPEG-4/H.264 compression format |

#### Software Features

| • Triple monitor support | • Multilingual support |
| • Widescreen support | • On-the-fly configuration changes |
| • On-screen display (OSD) setting | • Auto reboot function support |
| • Live monitoring | • System DNS support |
| • 30 FPS maximum recording per camera (subject to camera and video server capacity) | • SMS alert |
| • Automatic discovery of network cameras | • Lock system to avoid unauthorised changes |
| • Auto recording support | • Basic counting application |

#### System User Management

| • User validation | • User profiling |
| • User password restriction | • Access privilege control |
| • Dual password validation | • Microsoft Windows Active Directory support |

#### Performance

| • Supports multiple storage locations | • Pre-record/post-record support |
| • Record by schedule | • One-way audio recording of multiple channels |
| • Record by event | • Record and live display at different frame rates and resolution |
| • Digital watermark protection | • Supports flexible recycle |
| • Manual recording support | |
| • Boost recording support | |

#### Data Search and Playback

| • Supports 16-channel playback | • Extract snapshots from video |
| • Video playback control | • Extract video to AVI/ASF |
| • Smart search support | • Supports remote playback/web playback |
| • Histogram quick search method for videos | • Instant playback |
| • Video stamp | |

#### Video Mode

| • Screen division layout support | • Enable move function to control a P/T/Z camera |
| • Monitor display allows for drag and drop of videos | • Digital zoom in/out support |
| • Supports full screen video | • Duplicate camera |
| • Information window support | • Supports remote live viewing to display video |
| • Multiple channel playback support | • Supports camera multi-stream (model-dependent) |
| • Runs main console on selected monitor | |

#### Map Mode

| • Multiple map support | • Camera preview |
| • Alarm notification | • Camera and I/O indicator |
| • Customised map background support | • Private mask setting |

#### P/T/Z Control

| • Auto pan | • Preset patrolling |
| • Manual control | • Multiple patrol group support |
| • Preset positions (device dependent) | |

#### I/O Feature

| • Output port control | • Digital input trigger SMS |
| • Input port trigger on event | • Digital input trigger CMS |
| • Output port relay when an event is detected | • E-mail notifications |
| • Digital input trigger preset go | |

#### Backup

| • Backup database for logs and videos | • Burn backup files to DVDs on Windows XP |
| • Import/export configuration | • Auto backup |

#### Compatibility

| • ONVIF support | • D-Link DWM-156 (H/W vers. A3/A6) adapter support for SMS alert |
| • Device pack support | • All D-Link network cameras and a range of 3rd party network cameras (visit www.dlink.com for more information) |
| • Compatible with D-Link NVR | |
| • Compatible with 3rd party CMS | |
Supported 3rd party IP network camera brands

- ACTi
- Alphatech
- American Dynamics
- Arecont
- AXIS
- BASLER
- BOSCH
- Brickcom
- Centrix
- CNB
- Dahua
- Dallmeier
- DLinkCN
- Etrovision
- Everfocus
- GE
- Grundig
- Guardliner
- HDPRO
- HIKVISON
- Honeywell
- IQinVision
- JVC
- LevelOne
- LG
- LILIN
- Messo
- MOBOTIX
- Onvif
- Panasonic
- Pelco
- Sanyo
- Samsung
- SHANY
- Sony
- TOSHIBA
- UDP
- Videossec
- VIVOTEK
- Yudor
- 3S vision

Tools

- Remote live viewer
- Playback system
- Backup system
- DB tool
- Verification tool
- Remote desktop viewer

License Key Options

- 32 channel licence (DCS-250-VMS-032-LIC)
- IVS Counting license (DCS-250-COU-001-LIC)
- IVS Presence license (DCS-250-PRE-001-LIC)

Minimum System Requirements

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>CPU</td>
<td>Intel Core 2 Duo E5300 or equivalent</td>
</tr>
<tr>
<td>RAM</td>
<td>2 GB</td>
</tr>
<tr>
<td>Display Card</td>
<td>ATI Radeon 4650 or equivalent</td>
</tr>
<tr>
<td>Ethernet</td>
<td>Fast Ethernet (100Base-TX)</td>
</tr>
<tr>
<td>Hard Disk</td>
<td>250 GB free</td>
</tr>
<tr>
<td>OS</td>
<td>32 bits: MS Windows XP pro SP3/Vista SP1/Win 7 SP1/Win 8</td>
</tr>
<tr>
<td></td>
<td>64 bits: Win 7 SP1/Win Server 2008 R2/Win 8/Win Server 2012</td>
</tr>
</tbody>
</table>

1. Please refer to the “Supported 3rd party IP network camera brands” section above
2. To determine the minimum hardware requirements for your planned surveillance system if it is not listed in the above table, please consult the SI (system integrator), the reseller, or D-Link Technical Support.
3. Recording video over a long period of time will consume large amounts of disk space. Make sure that you have enough disk space if you want to use the recording function.

For more information: www.dlink.com

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