

## Product Highlights

### Intuitive and Easy to Use

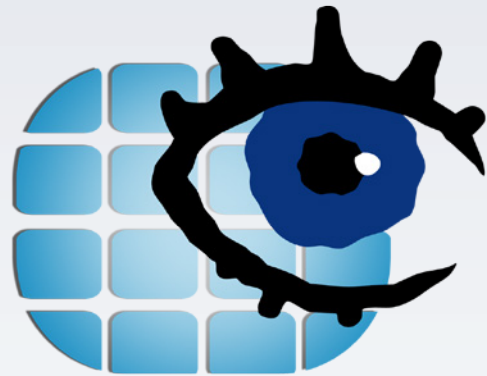
Manage up to 64 network cameras on one screen with a user interface that is streamlined and simple

### Multiple-Channel Playback

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

### Pan/Tilt/Zoom Controls

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



# D-ViewCam Plus

## 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<sup>1</sup>
- 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<sup>1</sup>. 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 synchronise surveillance settings across devices.

## Intelligent Video Analytics

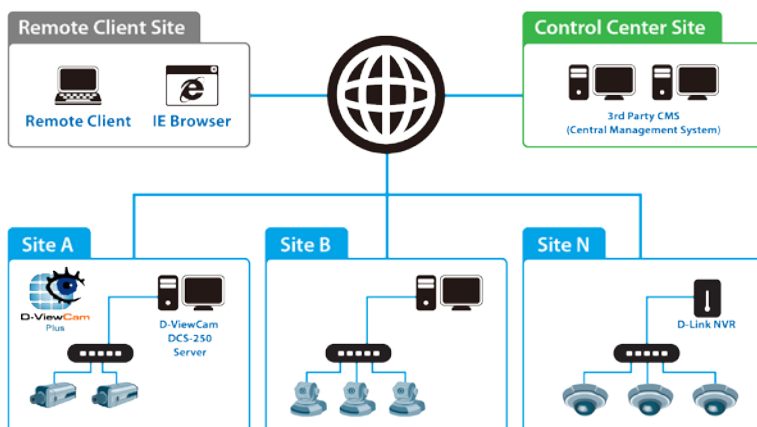
Powerful optional Intelligent Video Surveillance (IVS) packages are available for the D-ViewCam Plus, including Presence/Tripwire and Counting IVS packages. The Presence/Tripwire Package (DCS-250-PRE-001-LIC) allows users to set up to 40 zones or lines which detects when an object is inside or is crossing 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	<ul style="list-style-type: none"> <li>• Supports up to 64 cameras via 2 x 32 channel licenses</li> </ul>	<ul style="list-style-type: none"> <li>• Megapixel network camera support</li> </ul>
Video Compression	<ul style="list-style-type: none"> <li>• MJPEG/MPEG-4/H.264 compression format</li> </ul>	
Software Features	<ul style="list-style-type: none"> <li>• Triple monitor support</li> <li>• Widescreen support</li> <li>• On-screen display (OSD) setting</li> <li>• Live monitoring</li> <li>• 30 FPS maximum recording per camera (subject to camera and video server capacity)</li> <li>• Automatic discovery of network cameras</li> </ul>	<ul style="list-style-type: none"> <li>• Multilingual support</li> <li>• On-the-fly configuration changes</li> <li>• Auto reboot function support</li> <li>• System DDNS support</li> <li>• SMS alert</li> <li>• Lock system to avoid unauthorised changes</li> <li>• Basic counting application</li> </ul>
System User Management	<ul style="list-style-type: none"> <li>• User validation</li> <li>• User password restriction</li> <li>• Dual password validation</li> </ul>	<ul style="list-style-type: none"> <li>• User profiling</li> <li>• Access privilege control</li> <li>• Microsoft Windows Active Directory support</li> </ul>

**Performance**

Recording	<ul style="list-style-type: none"> <li>• Supports multiple storage locations</li> <li>• Record by schedule</li> <li>• Record by event</li> <li>• Digital watermark protection</li> <li>• Manual recording support</li> <li>• Boost recording support</li> </ul>	<ul style="list-style-type: none"> <li>• Pre-record/post-record support</li> <li>• One-way audio recording of multiple channels</li> <li>• Record and live display at different frame rates and resolution</li> <li>• Supports flexible recycle</li> </ul>
Data Search and Playback	<ul style="list-style-type: none"> <li>• Supports 16-channel playback</li> <li>• Video playback control</li> <li>• Smart search support</li> <li>• Histogram quick search method for videos</li> <li>• Video stamp</li> </ul>	<ul style="list-style-type: none"> <li>• Extract snapshots from video</li> <li>• Extract video to AVI/ASF</li> <li>• Supports remote playback/web playback</li> <li>• Instant playback</li> </ul>
Video Mode	<ul style="list-style-type: none"> <li>• Screen division layout support</li> <li>• Monitor display allows for drag and drop of videos</li> <li>• Supports full screen video</li> <li>• Information window support</li> <li>• Multiple channel playback support</li> <li>• Runs main console on selected monitor</li> </ul>	<ul style="list-style-type: none"> <li>• Enable move function to control a P/T/Z camera</li> <li>• Digital zoom in/out support</li> <li>• Duplicate camera</li> <li>• Supports remote live viewing to display video</li> <li>• Supports camera multi-stream (model-dependent)</li> </ul>
Map Mode	<ul style="list-style-type: none"> <li>• Multiple map support</li> <li>• Alarm notification</li> <li>• Customised map background support</li> </ul>	<ul style="list-style-type: none"> <li>• Camera preview</li> <li>• Camera and I/O indicator</li> <li>• Private mask setting</li> </ul>
P/T/Z Control	<ul style="list-style-type: none"> <li>• Auto pan</li> <li>• Manual control</li> <li>• Preset positions (device dependent)</li> </ul>	<ul style="list-style-type: none"> <li>• Preset patrolling</li> <li>• Multiple patrol group support</li> </ul>
I/O Feature	<ul style="list-style-type: none"> <li>• Output port control</li> <li>• Input port trigger on event</li> <li>• Output port relay when an event is detected</li> <li>• Digital input trigger preset go</li> </ul>	<ul style="list-style-type: none"> <li>• Digital input trigger SMS</li> <li>• Digital input trigger CMS</li> <li>• E-mail notifications</li> </ul>
Backup	<ul style="list-style-type: none"> <li>• Backup database for logs and videos</li> <li>• Import/export configuration</li> </ul>	<ul style="list-style-type: none"> <li>• Burn backup files to DVDs on Windows XP</li> <li>• Auto backup</li> </ul>
Compatibility	<ul style="list-style-type: none"> <li>• ONVIF support</li> <li>• Device pack support</li> <li>• Compatible with D-Link NVR</li> <li>• Compatible with 3rd party CMS</li> </ul>	<ul style="list-style-type: none"> <li>• D-Link DWM-156 (H/W vers. A3/A6) adapter support for SMS alert</li> <li>• All D-Link network cameras and a range of 3rd party network cameras (visit <a href="http://www.dlink.com">www.dlink.com</a> for more information)</li> </ul>

Supported 3rd party IP network camera brands	<ul style="list-style-type: none"> <li>• ACTi</li> <li>• Alphatech</li> <li>• American Dynamics</li> <li>• Arecont</li> <li>• AXIS</li> <li>• BASLER</li> <li>• BOSCH</li> <li>• Brickcom</li> <li>• Centrix</li> <li>• CNB</li> <li>• Dahua</li> <li>• Dallmeier</li> <li>• DlinkCN</li> <li>• Etrovision</li> <li>• Everfocus</li> <li>• GE</li> <li>• Grundig</li> <li>• Guardliner</li> <li>• HDPRO</li> <li>• HIKVISION</li> <li>• Honeywell</li> </ul>	<ul style="list-style-type: none"> <li>• IQinVision</li> <li>• JVC</li> <li>• LevelOne</li> <li>• LG</li> <li>• LILIN</li> <li>• Messo</li> <li>• MOBOTIX</li> <li>• Onvif</li> <li>• Panasonic</li> <li>• Pelco</li> <li>• Sanyo</li> <li>• Samsung</li> <li>• SHANY</li> <li>• Sony</li> <li>• TOSHIBA</li> <li>• UDP</li> <li>• Videosec</li> <li>• VIVOTEK</li> <li>• Yudor</li> <li>• 3S vision</li> </ul>
Tools	<ul style="list-style-type: none"> <li>• Remote live viewer</li> <li>• Playback system</li> <li>• Backup system</li> </ul>	<ul style="list-style-type: none"> <li>• DB tool</li> <li>• Verification tool</li> <li>• Remote desktop viewer</li> </ul>
License Key Options	<ul style="list-style-type: none"> <li>• 32 channel licence (DCS-250-VMS-032-LIC)</li> <li>• IVS Counting licence (DCS-250-COU-001-LIC)</li> <li>• IVS Presence licence (DCS-250-PRE-001-LIC)</li> </ul>	
<b>Minimum System Requirements<sup>2</sup></b>		
CPU	• Intel Core 2 Duo E5300 or equivalent	
RAM	• 2 GB	
Display Card	• ATI Radeon 4650 or equivalent	
Ethernet	• Fast Ethernet (100Base-TX)	
Hard Disk <sup>3</sup>	• 250 GB free	
OS	<ul style="list-style-type: none"> <li>• 32 bits: MS Windows XP pro SP3/ Vista SP1/ Win 7 SP1/ Win 8</li> </ul>	<ul style="list-style-type: none"> <li>• 64 bits: Win 7 SP1/ Win Server 2008 R2/ Win 8/ Win Server 2012</li> </ul>

<sup>1</sup> Please refer to the "Supported 3rd party IP network camera brands" section above

<sup>2</sup> 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.

<sup>3</sup> 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](http://www.dlink.com)

**D-Link European Headquarters.** D-Link (Europe) Ltd., D-Link House, Abbey Road, Park Royal, London, NW10 7BX.  
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