



## DVS-310-1

### 1-channel H.264 PoE Video Encoder

#### The Digital Advantage

Remotely manage, view, and record video over your local network or the Internet with D-ViewCam software

#### Conserve Bandwidth With H.264

The H.264 hardware encoder provides crisp, high-quality video while conserving bandwidth for maximum network performance

#### Effortless Integration

Easily integrates with your existing CCTV system and surveillance equipment

#### What this Product Does

The DVS-310-1 1-channel H.264 PoE Video Encoder is a high-performance, single channel video encoder for integrating an existing analog CCTV (closed circuit television) camera into an IP-based video surveillance system.

#### The Digital Advantage

Remotely manage, view, and record video over your local network or the Internet with D-ViewCam software

#### Conserve Bandwidth with H.264

The H.264 hardware encoder provides crisp, high-quality video at D1 resolution while conserving bandwidth for maximum network performance

#### Effortless Integration

Easily integrates with your existing CCTV system and surveillance equipment

#### High Quality Video and Audio

- M-JPEG, MPEG4, and H.264 Simultaneous multi-profile
- 30 fps (NTSC) / 25 fps (PAL)
- Bidirectional audio
- Adjustable video quality

#### Easy Installation

- Robust aluminium housing
- Setup wizard
- UPnP discovery
- PoE support

#### Transform Existing Hardware

The DVS-310-1 1-channel H.264 PoE Video Encoder makes it possible to integrate a pre-existing analog CCTV cameras into a fully-functional IP-based surveillance system. The DVS-310-1 is an ideal choice for banks, airports, factories, government buildings, prisons and traffic surveillance applications - any location where CCTV equipment is already installed and functioning. The addition of Power over Ethernet (PoE) makes installation easy. Simply connect the DVS-310-1 to a PoE switch, to power the video encoder using a single Ethernet cable.

#### Manage, Record, and View Video with Ease

The hardware encoder supports H.264, MPEG4, and M-JPEG video with frame rates of up to 30 fps at D1 resolution. The included D-Link D-ViewCam management software provides a robust platform for configuring and controlling up to 32 IP cameras and video encoders on a single computer screen from a central location. Motion detection and digital input devices trigger automated e-mail alerts that can instantly inform administrators of unusual activities.

#### Simplify Surveillance with Advanced Alarms and Events

Alarm handling features provide alerts in the event of loss of video or network connection. Motion alarms with configurable detection areas allow for effective surveillance and help to mitigate the need for constant human supervision. A buffer system allows the encoder to capture images to the built-in SD card slot both before and after an event occurs.

#### Multiple Video Streams

The DVS-310-1 supports simultaneous streaming of H.264, MPEG4, and M-JPEG video to provide both high-quality and bandwidth-efficient compression formats. M-JPEG delivers excellent file integrity, ideal for situations which require high image detail. H.264 produces a small file size, making it useful for extended recording or for use with low bandwidth networks. Additionally, the DVS-310-1 supports multicast H.264, which allows several users to view the stream by subscribing to a multicast IP address on the network.

#### 3GPP Mobile Surveillance

Support for 3GPP Mobile Surveillance allows you to view a live video feed from your 3GPP compatible Internet-ready mobile device. This extends your monitoring capability, allowing you to check your camera's video feed while on the go without a computer.



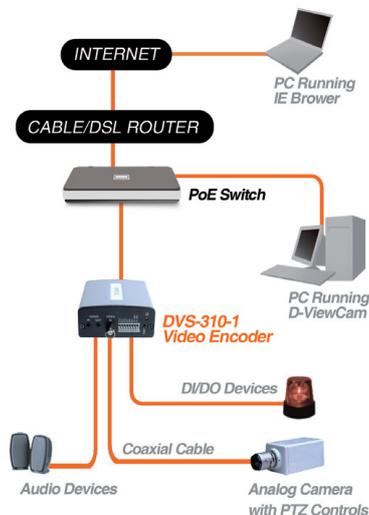
### Powerful Video Management

- SD card storage for event recording
- Instant local video recording
- Intuitive web-based GUI
- Pre/post buffer for image/video capture
- D-Link DDNS support

### Advanced Alarm Handling

- Video loss and network loss detection
- Built-in motion alarm with configurable detection areas
- FTP and e-mail event handler

## Your Network Setup



## Technical Specification

### Video Algorithms Supported

- Simultaneous multi-profile support (H.264, MJPEG, MPEG4)
- Simultaneous multi-profile support for web viewing, 3G mobile viewing, and video recording
- JPEG compression for still images

### Supported Resolutions

- PAL: D1 (720x576), CIF (352x288), QCIF (176x144)
- NTSC: D1 (720x480), CIF (352x240), QCIF (176x120)

### Input

- 1CH, NTSC/PAL, BNC connector
- 1.0Vp-p with 75 Ω loading

### Audio Specifications

- Two-way audio
- External audio in
- External audio out
- G.726 Codec

### Networking Specifications

- Ethernet: RJ45 - 10/100 Base-TX
- 802.3af PoE
- Supported Protocols: IPv4, DHCP, ARP, DNS, TCP/IP, DDNS (D-Link), HTTP, HTTPS, UPnP™ Port Forwarding, Samba, SMTP, PPPoE, NTP (D-Link), FTP, RTP, RTSP, UDP, RTCP, ICMP, 3GPP

### Ptz Specifications

- Baud rates: 2400, 4800, 9600, 19200
- Connector: RS-485 for PTZ control

### Removable Storage

- SD Card Slot

### Minimum System Requirements for (D-ViewCam DCS-100)

- CPU: Pentium 4, 2.4 GHz and above
- Hard Disk: 40 GB or higher
- Memory: 512 MB or higher
- Operating System: Windows 7 / Windows Vista / Windows XP with SP2 or higher / Windows 2000 with SP4 or higher
- Video Resolution: 1024x768 (SVGA/XGA)
- Software: DirectX 9.0c or higher
- Browser: Microsoft IE 6.0 or higher

### Power Supply

- 100 - 240 VAC, 50/60 Hz, 12 VDC, 1.25 A

### Dimensions (L x W x H)

- 105 x 78 x 36 mm (4.1 x 3.1 x 1.4 inches)

### Operating Temperature

- 0° to 40° C (32° to 104° F)

### Operating Humidity

- 20% to 80% non-condensing

### Certification

- CE (Class A)
- C-Tick (Class A)
- FCC (Class A)



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