1-CH MPEG4 VIDEO ENCODER

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

FULL FRAME RATE
The MPEG4 / M-JPEG hardware encoder provides a frame rate of up to 30fps at D1 resolution with bidirectional audio

EFFORTLESS INTEGRATION
Easily integrates with your existing CCTV system and surveillance equipment

TRANSFORM EXISTING HARDWARE
The DVS-210-1 1-Ch MPEG4 Video Encoder makes it possible to integrate a pre-existing analog surveillance infrastructure into a fully-functional IP surveillance system. The DVS-210-1 is an ideal choice for banks, airports, factories, government buildings, prisons, and traffic surveillance applications - any location where surveillance equipment is already installed and functioning.

MANAGE, RECORD, AND VIEW VIDEO WITH EASE
The hardware encoder supports MPEG4 / M-JPEG video with frame rates of up to 30fps at D1 resolution. D-Link's intuitive D-ViewCam management software provides a robust platform for configuring and controlling one or many IP cameras and video encoders. Intuitive controls allow you to manage and control live video with ease. D-ViewCam software allows you to view up to 32 cameras 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 loss of 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-210-1 supports simultaneous streaming of 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. MPEG4 produces a small file size, making it useful for extended recording or for use in low bandwidth networks. Additionally, the DVS-210-1 supports multicast MPEG4 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.

WHAT THIS PRODUCT DOES

The DVS-210-1 1-Ch MPEG4 Video Encoder is a high-performance, single channel video encoder for integrating an existing analog CCTV (closed circuit television) into an IP-based video surveillance system.

HIGH QUALITY VIDEO AND AUDIO

- M-JPEG and MPEG4 Simultaneous Dual Codec
- 30 fps (NTSC) / 25 fps (PAL)
- Bidirectional audio
- Adjustable video quality

EASY INSTALLATION

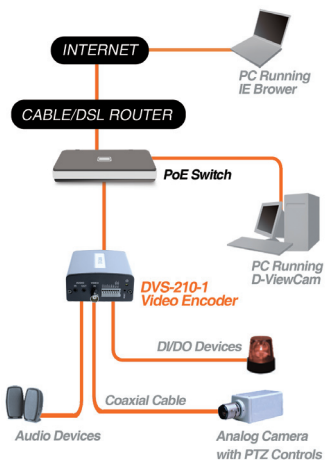- Robust aluminum housing
- Setup wizard
- UPnP discovery

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

INTERNET

PC Running IE Brower

CABLE/DSL ROUTER

PoE Switch

PC Running D-ViewCam

DVS-210-1 Video Encoder

DI/DO Devices

Coaxial Cable

Audio Devices

Analog Camera with PTZ Controls

POWER SOCKET
LAN PORT [Connects to Network]
SD CARD SLOT

AUDIO IN/OUT
VIDEO IN (Connects to Camera)
DI/DO PORTS
POWER LED
RESET BUTTON

TECHNICAL SPECIFICATIONS

VIDEO ALGORITHMS SUPPORTED
- Simultaneous dual stream support (MPEG4 and M-JPEG)
- Simultaneous profile support for web viewing, 3G mobile viewing, and video recording
- JPEG compression for still images

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

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
- 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
- CPU: Pentium 4, 2.4 GHz and above
- Hard Disk: 40 GB or higher
- Memory: 512 MB or higher
- Operating System: 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 OUTPUT
- 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)