

Nomad -- Multimedia Live Encoder

Portable Multimedia Stream & Capture

LIVE

Stream in H264, Flash, WM, MPEG-2 format.

CAPTURE

Capture only, or capture while streaming.

MULTIMEDIA

Use video cameras, webcams, or virtually any video source. Mix with desktop or external VGA source. Create and use any template to deliver video-only, desktop-only, or any mix of two video inputs. Change templates on the fly.

QUALITY

Stream and capture up to true HD video with full motion and high quality audio.

CONTROL

Just press a button, or operate remotely...even over the web. Complete scheduling system for multiple locations included, or control using 3rd party .

SERVICE

Use your streaming service or a Discover Video streaming account.



Discover Video Nomad is a high performance portable video platform that provides up to High Definition live and on-demand video streaming with the ultimate in simplicity but with features professionals demand. Nomad supports multiple video streaming formats including H264, Adobe Flash, Microsoft Windows Media / VC1, and MPEG-2 allowing it to be used in virtually any environment. Nomad is much more than an "encoder" -- it is a live and on-demand video production and lecture capture system that streams and captures both live camera audio/video but also full motion desktop VGA from virtually any source.

On The Go

Nomad is the ideal portable system for live events. Bring Nomad with you using the included soft carrying case and conduct live event broadcasting from anywhere, anytime. Perfect for conference venues, seminars, or anywhere you need portable service. Nomad uses the powerful Intel I7, quad core CPU giving you the power you need for live HD streaming and for offline video processing.

- Stream live audio/video on the web, or stream multicast in your local area network.
- Capture live lectures, presentations, and other events and automatically publish them for instant on-demand viewing.
- Capture your desktop or VGA from another computer and mix it with your camera video.
- Create compelling video presentations on the fly with built-in Chroma-key.

Value

DVME software is the heart of Nomad and it provides a comprehensive array of built-in features. You can schedule captures, include titles, set background images, and you can create compelling videos using the built-in Chroma-key ("green screen") features. Thanks to the advanced video compression technology and delivery protocols, you can do live streaming from anywhere via WiFi and cellular networks. Nomad even includes MPEG-2, allowing you to stream and capture in web format while also making a broadcast-quality MPEG-2 video that you can put on a broadcast server or create a DVD. Using the optional low cost DV Streaming Service, you have one-click setup and instant live and video-on-demand publishing and viewing. And Nomad costs less than half of competing products.

Extras

Automatic streaming provisioning, event scheduling, and camera control are just a few of the included extras.



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Features and Benefits



- Nomad encoder delivers live and on-demand video to viewers over the public Internet with no-hassle simplicity.
- Fully tested, burned-in
- Viewing compatible with virtually all desktops (IE, FireFox, Safari, PC, MAC)
- Live video delivery to mobile devices (iPhone™, iPad™, Blackberry, Android), optional
- Live and on-demand video to your own password-protected Discover Video Roku channel, optional
- Event-based streaming, or continuous broadcasting
- Live video streaming to existing enterprise or public video portals
- Remote control and scheduling
- Presentation viewing on YouTube and similar sites and on mobile devices, podcasts, etc.
- Watermark, backgrounds, chroma-key built in
- Affordable, less than half the price of competing systems

System Specifications

CPU	Intel® Core i7, 3.4GHz, or equivalent
RAM	8GB
Monitor	Built-in 17" , 1920x1200
Computer Video output	VGA, DVI, HDMI
Network	1 Gigabit Ethernet port
Disk	500GB SATA
Optical Drive	DVD±RW
Cooling	Fan
Size	16.75W x12.4"H x 5.8.5"D
Power	110VAC, 480W Power Supply
OS	Win7 Professional
Regulatory	FCC Class A, and CE. Certified TUV
Audio Input	RCA, Unbalanced, line level, + microphone mini-jacks
Video Input	HDMI, Component, Composite, SVideo
VGA Input (Optional)	Up to 1920 x 1200
USB	4
FireWire	1
Audio Output	mini-jacks
DVME Pro Encoder	
Compression	H.264, WMV/VC-1, MPEG-2
Streaming Protocols	RTMP, HTTP, RTP, IGMP
Resolutions	Any up to 1920 x 1080
Frame Rate	Up to 30
Templates	No limit
Streaming Modes	RTMP Push, WM Push, WM Pull, H264 multicast, MPEG-2 multicast
Recording	Capture in H264 or WM. Simultaneous capture in MPEG-2
Operational Modes	Stream, Stream + Capture, Capture
Encoding values	Set stream and capture values independently
Remote Control	Desktop program Included
Scheduling	Built in, plus desktop program include
Upload (Optional)	Automatic upload to DV Account
Warranty	1-year limited warranty
Keyboard, mouse,	Included

SERVICES AVAILABLE

- H264/Flash live streaming
- H264/Flash VoD streaming
- Windows Media live streaming
- Windows Media VoD streaming
- Live video transcoding
- VoD transcoding
- Live streaming to mobile devices
- Live streaming via cellular
- Live event production services

Ordering Guide

- DV-Nomad1 - single video input
- DV-Nomad2 - dual video input
- DV-Nomad3 - video input + VGA

COMPANION PRODUCTS

- Streaming Service
- Soft Top Box ®
- Transcoder

VIDEO STANDARDS

- H.264 / AAC (AVC)
- Adobe Flash (RTMP)
- Windows Media (VC1)
- MPEG-2 Transport Stream
- MPEG-2 Program Stream
- Multicast H.264 SDP/RTP
- Multicast MPEG-2

RESOLUTIONS

- Up to 1920 x 1080 (HD)

FRAME RATE

- Up to 30 fps, including desktop capture

VIDEO RATES

- 20 Kbps to 10 Mbps
- Simultaneous stream at one rate, record in another

For more information on any of our products or services please visit us on the Web at:
www.discovervideo.com

Specifications subject to change without notice.



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