

NVS-34

H.264 Dual Streaming Encoder and MP4 Recorder



Features

- H.264 streaming to two destinations at the same time
- Vertical video encoding for mobile devices
- Compatible with all major streaming platforms
- Compatible with RTMP(S), SRT and many other streaming protocols
- Selectable audio output: embedded audio/external audio/mixed audio

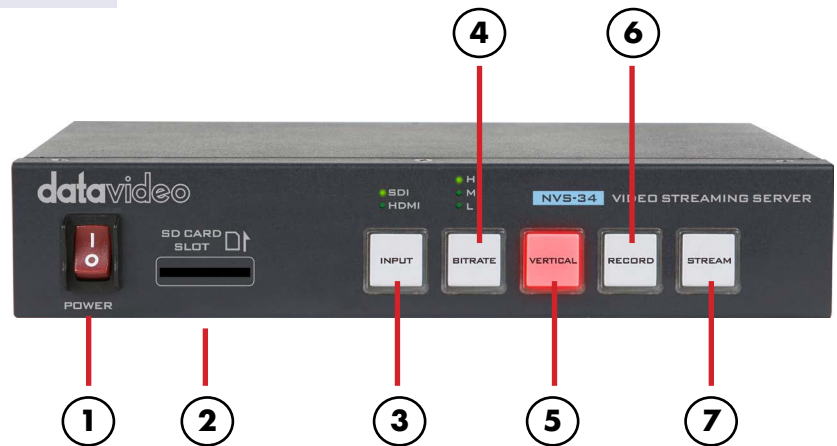


Overview

The NVS-34 is an H.264 multi-platform video streaming encoder and MP4 recorder, which offers two distinct bit rate options, for streaming and recording simultaneously. Additionally, the NVS-34 supports vertical video streaming. The encoder accepts SDI and HDMI inputs, along with embedded or analog RCA unbalanced audio. The recording file system supports NTFS, FAT32 or exFat for up to 2 hours of continuous recording without file size limitations.

Front Panel

1. Power switch
2. SD Card Slot
3. INPUT Selection Button
4. BITRATE Selection Button
5. VERTICAL Streaming Button
6. RECORD Button
7. STREAM Button



Rear Panel I/O Function

1. RCA Unbalanced Audio Input
2. SDI Input
3. HDMI Input
4. LAN
5. DC IN 12V



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Installation and Cable Recommendations

1. CAT5e solid core ethernet cable
2. CB-60 HDMI Active Optical Cable - 30M
3. CB-61 HDMI Active Optical Cable - 50M
4. CB-62 HDMI Active Optical Cable - 100M

Recommended Accessories

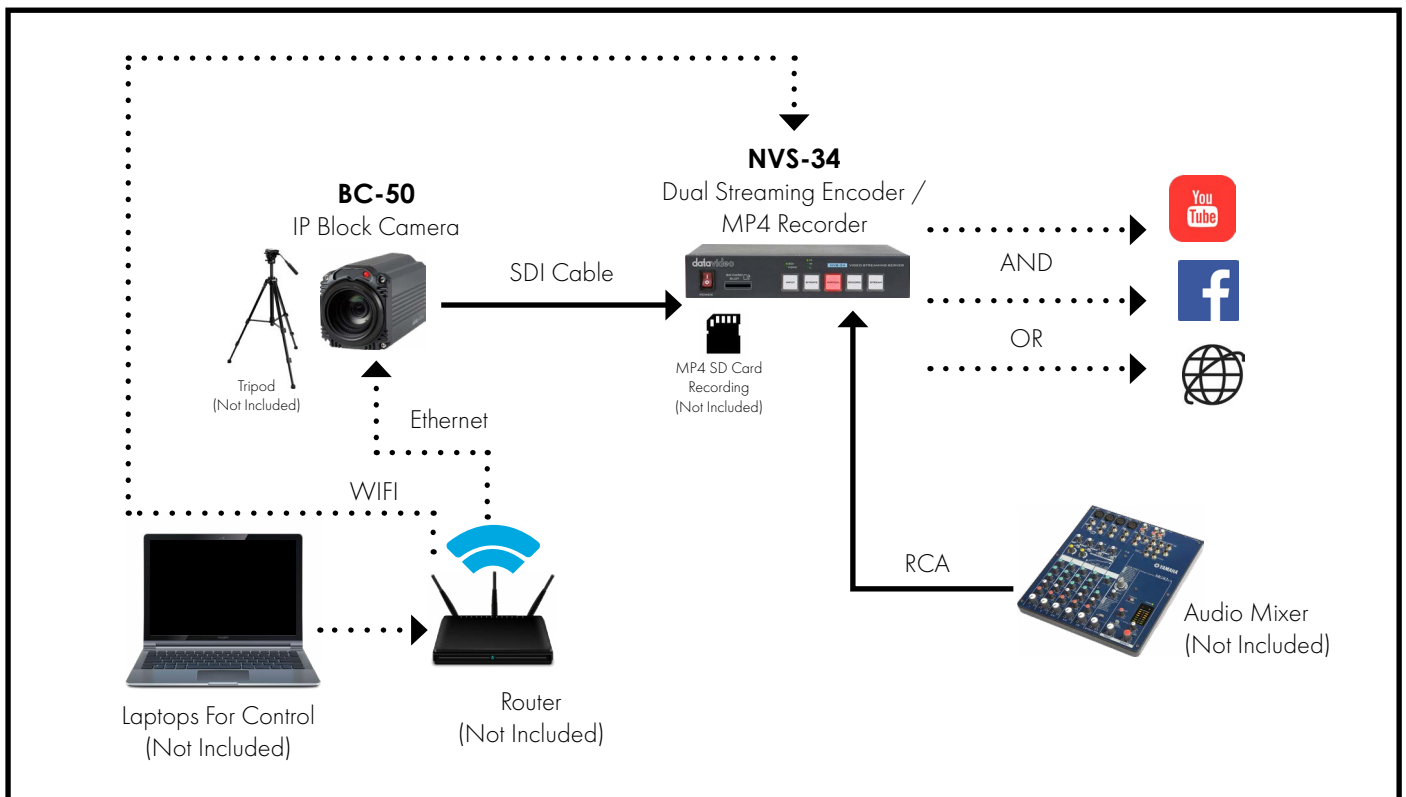
Datavideo:

- **RMK-1** 1U Rackmount Kit
- **SE-500HD** 4-channel HDMI Switcher
- **SE-650** 4-channel HDMI/SDI Switcher
- **PTC-140** 20x PTZ Camera
- **PTC-150** 30x PTZ Camera
- **BC-50** Block Camera

Recommended SD Cards

KINGSTON	SDHC C10	16GB
SANDISK Extreme	SDXC C10 U3 V30	64GB
SONY	SDXC C10 U1	64GB
SANDISK Extreme PRO	SDXC C10 U3	128GB
SONY	SDXC C10 U3	64GB
TOSHIBA	SDHC C10	16GB
SANDISK Extreme	SDHC C10	16GB
SANDISK ULTRA®	ULTRA SDHC SDXC UHS-I	128GB
ADATA Premier Pro	microSDXC UHS-I	64GB
	U3 Class 10	

Workflow



Specifications

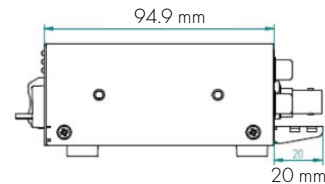
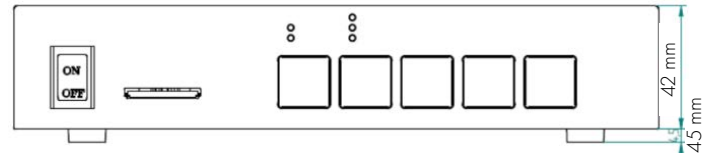
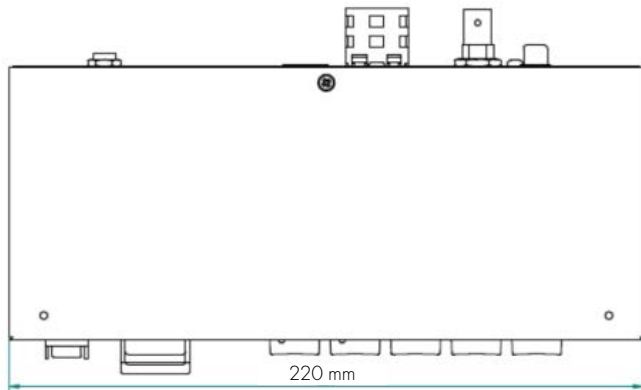
NVS-34	
Input	Video - 1 x HDMI - 1 x SDI Audio - 1 x HDMI embedded audio (Audio depends on the source/ both stereo and mono supported) - 1 x SDI embedded audio - 1 x RCA (audio level: +10/+12dB)
Video Feature	H.264/ AVC , Main / High Profile Supported Resolutions - Input: 1080p60/59.94/50 1080p30/29.97/25/24/23.98 1080i60/59.94/50 720p60/59.94/50 480i59.94, 576i50 - Output: Support Down Scaling to 128x128 Encoding Mode: - Record Only: Up to 16Mbps (1080p50/60)
Audio Bitrate	AAC-LC Configurable bitrate range from 32Kbps to 384Kbps Sample rate: 48KHz, 16bit
Storage	SD Card Slot
File System	File system: FAT, exFAT and NTFS
Ethernet	1x RJ45 for 10/100Mbps Ethernet
Supported Protocols	TS over TCP/UDP (unicast & multicast) RTSP over HTTP/TCP/UDP (RTSP Elementary Stream) RTMP/RTMPS(Publish) SRT
Recording Formats	MP4, TS (TBC)
Special Feature	Vertical video (rotate & crop)
Firmware Upgrade	Via Web UI
Power	DC 12V 0.5A (6W)
Operating Temperature	0°C ~ 40°C (TBC)
Storage Temperature	- 10°C ~ 60°C (TBC)
Operating Humidity	10 % to 80 % (non-condensing) (TBC)
Dimensions	220(W) x 115(D) x 45.5(H) mm
Net Weight	0.728 Kg

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Dimensions

All measurements in millimeters (mm)



Available Documents to Download

1. Instruction Manual
2. Cutsheet
3. IP Finder
4. Firmware update
5. Brochure

Applications

- Live Event Meeting
- Tradeshow
- Townhall
- Government Event
- Worship
- Sports
- Musical Performances
- Education

What's in the Box

- 1 x NVS-34 product
- 1 x AD Switch DC 12V
- 1 x Thank You Card



For more info, visit www.datavideo.com/product/nvs-34



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