



S102: HDV and iMovie

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S102: HDV and iMovie



- *What is HDV?*
- *HDV Cameras and Decks*
- *Native vs. Non Native HDV Editing*
- *iMovie HD Demo*
- *HDV Delivery Options for iMovie users*



What is HDV?





What is HDV?

HD Resolutions

Format	Codec Resolution	Display Resolution
HDCAM SR	1920 X 1080	1920 X 1080
HDCAM	1440 X 1080	1920 X 1080
DVCPRO HD 1080i	1280 X 1080	1920 X 1080
DVCPRO HD 720p	960 X 720	1280 X 720
HDV 1080i	1440 X 1080	1920 X 1080
HDV 720p	1280 X 720	1280 X 720





What is HDV?

HDV Formats

Format	Interlaced or Progressive	Frame Rates
HDV 1080i	Interlaced	60i, 50i
HDV 720p & JVC ProHD	Progressive	24p, 25p, 30p





What is HDV?

Long GOP
Compression

B	B	I	B	B	P	B	B	P	B	B	P	B	B	P	B	B	I	B	B	P	B	B	P	B	B
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What is HDV?

Color Space

Format	Color Space
HDCAM SR	4:4:4
HDCAM	4:3:1
DVCPRO HD 1080i	4:2:2
DVCPRO HD 720p	4:2:2
HDV 1080i	4:2:0
HDV 720p	4:2:0
DV	4:1:1





What is HDV?

Resolution & Aspect Ratio

1920 X 1080 = 16:9

720 X 480 = 4:3





HDV Cameras and Decks

SONY PROFESSIONAL (1080i)



HVR-Z1U
\$5,946



HVR-M10U
\$3,950





HDV Cameras and Decks

SONY CONSUMER (1080i)



HDR-FX1

\$5,946





HDV Cameras and Decks

SONY CONSUMER (1080i)



HDR-HC1
\$1,999



HVR-A1U
\$3,500





HDV Cameras and Decks

JVC PROFESSIONAL (720p)



JY-HD10U
\$3,995



CU-VH1
\$1,995





HDV Cameras and Decks

JVC PROFESSIONAL (720p)



GY-HD100U

\$6,295



BR-HD50U

\$3,359





HDV Cameras and Decks

JVC CONSUMER (720p)



GR-HD1

\$3,499





Native vs. Non-Native

HDV Editing

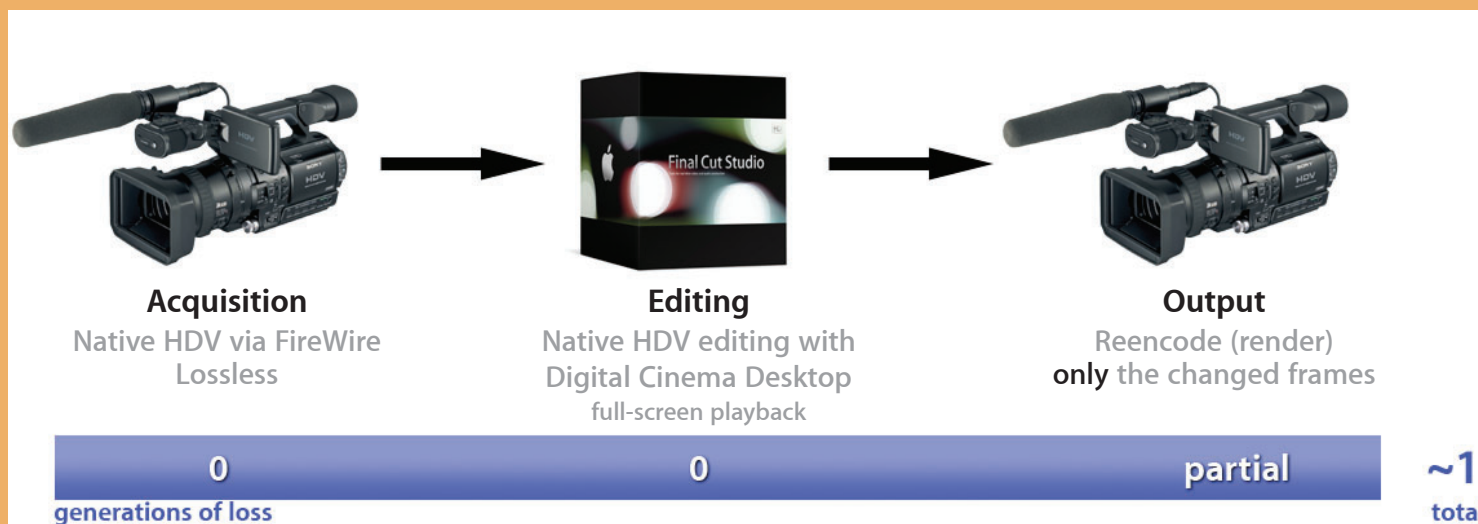
WHAT IS NATIVE EDITING?





Native vs. Non-Native HDV Editing

NATIVE





Native vs. Non-Native HDV Editing

NON-NATIVE





iMovie HD Demo





HDV Delivery Options

- *iDVD (Standard Def)*
- *HDV Camera*
- *D-VHS*
- *Web*

