

HDV

HIGH DEFINITION VIDEO

for the visual artist...

PAL
NTSC

HDTV
HDV

Format definition PAL

- 720x576 pixel
- 1 frame 414.720 pixel
- Progressive or interlaced
- 4:2:0 - 8 bit
- 4:3
- recorded on MiniDV @ 25Mbit/sec
- MPEG-2-I-Frame-only

Format definition HDV

- 1280x720 or 1440x1080 pixel
- 1 frame 921.600 or 1.555.200 pixel
- 720p or 1080i
- 4:2:0 – 8 bit
- 16:9
- recorded on MiniDV @ 19 or 25 Mbit/sec
- MPEG-2-Video (MP@H-14)

PRO of HDV

- It's „cheap“ compared to broadcast HDTV
- HDV equipment is compatible to DV
- You don't need special editing hardware
- All editing programs will be able to edit HDV
- Superb image quality when projected on big screens

CONTRA of HDV

- New projection and presentation equipment is needed (expensive)
- At the moment it's not possible with a normal budget to mix two HDV videos from a VCR
- You need very high processor power to use HDV material for visuals
- Only Resolume is able to playback HDV video (at the moment)

Practical presentation

For further info and experiences...

www.hdv.tv