

## VRmFAVC-1 OEM (color, b/w)

Analog Video to USB 2.0 Converter with FPGA

### Highlights

- Internal 64MB DDR-memory
  - Ring buffer
  - Lossless bandwidth sharing
- Supports USB 2.0 and 1.0, 1.1 (IPC)
- Timestamps / framecounters
- Storage of up to 9 user configurations (eg. format, contrast) in the device
- Storage of user settings in the device (24KB, eg. calibration data)
- Cost effective for high volumes
- SDK and API included
- Individual form factors available

### Analog Video Input Connections

- Composite (1xCinch)
- Y/C (2xCinch)
- S-Video (mini-DIN)

### Analog Video Input Standards

- PAL
- NTSC



Image similar to original



Image similar to original

## Image Formats

- Color Formats: YUV, Gray
- PAL: 720x576 (25Hz, Deinterlaced)  
360x288 (25Hz)  
720x288 (50Hz)
- NTSC: 720x480 (30Hz, Deinterlaced)  
360x240 (30Hz)  
720x240 (60Hz)

## Physical Characteristics

- Dimensions: 42x38x40 mm
- USB Connector: Mini B

## Data transfer characteristics

- Supports all USB standards:
  - USB 1.0 (OHCI) as full-speed device
  - USB 1.1 (UHCI) as full-speed device
  - USB 2.0 (EHCI) as high-speed device
- Superior multi device performance

