

H.264 Pro Recorder



Encode to digital H.264 files in real time from professional SDI, HDMI, analog component, S-video and composite video equipment! Get the highest quality 4:2:2 video capture from all popular SD/HD video formats. Connect video cameras and VTRs, including HDCAM, Digital Betacam, Betacam SP, DVD players and much more. H.264 Pro Recorder includes Media Express software for Mac OS X and Windows, which lets you preview and set the video quality of encoded files.

Connections

SDI Video Input

1 x 10-bit SD/HD switchable

Analog Video Input

1 x Component YUV on 3 BNCs switchable to S-Video or Composite. Component supports HD and SD.

HDMI Video Input

1 x HDMI type A connector.

Analog Audio Input

2 Channels of professional balanced analog audio with standard 1/4 inch jack connections.

SDI Audio Input

2 Channels from embedded SDI audio.

HDMI Audio Input

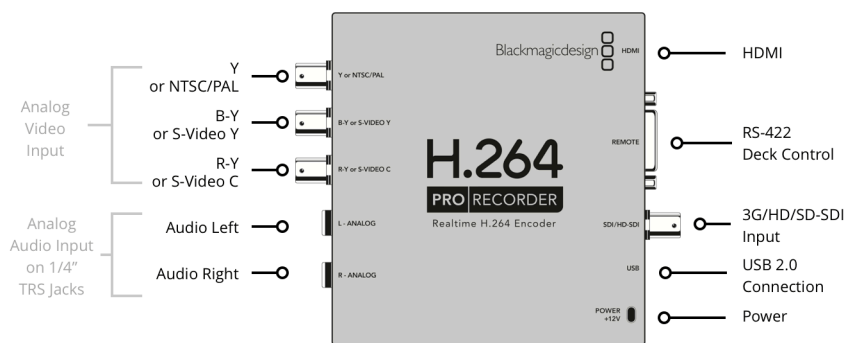
2 Channels from embedded HDMI audio.

External Control

RS-422 deck control.

Computer Interface

USB 2.0 high speed (480Mb/s)



Standards

SD Video Formats

525i59.94 NTSC, 625i50 PAL

HD Video Formats

720p50, 720p59.94, 720p60
1080p23.98, 1080p24, 1080p25,
1080p29.97, 1080p30, 1080p50,
1080p59.94, 1080p60
1080PsF23.98, 1080PsF24,
1080PsF25, 1080PsF29.97, 1080PsF30
1080i50, 1080i59.94, 1080i60

SDI Compliance

SMPTE 259M and SMPTE 292.

Audio Sampling

Television standard sample rate of
48 kHz and 24 bit.

Video Sampling

4:2:2 YUV

SDI Color Precision

10-bit

Color Space

REC 601, REC 709

HDMI Color Precision

10-bit

SDI Rates

270 Mb, 1.5G-SDI, 3G-SDI

Copy Protection

HDMI input is unable to capture from
copy protected HDMI sources. Always
confirm copyright ownership before
capture or distribution of content.

Processing

Encoding

Hardware based real time H.264
encoder supports multiple profiles
for small, portable video devices
through to full resolution HDTV.

Realtime Scaling

Capture at full HD or SD resolution,
or use direct resize in realtime to
scale and encode for the intended
playback device, such as iPhone, iPad
or iPod.

Software

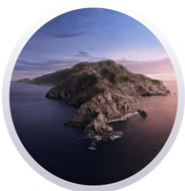
Software Included

Media Express, Blackmagic System
Preferences and Blackmagic driver on
Mac™. Media Express, Blackmagic
Control Panel and Blackmagic driver
on Windows™.

Internal Software Upgrade

Firmware upgrade via USB.

Operating Systems



Mac 10.14 Mojave,
Mac 10.15 Catalina or later.



Windows 8.1 or Windows 10.

Power Requirements

Power Supply

+12V universal power supply included with international socket adaptors for all countries. Cable tie point.

Physical Specifications



Physical Installation

Requires computer with a USB 2.0 port.

Environmental Specifications

Operating temperature

0° to 40° C (32° to 104° F)

Storage temperature

-20° to 45° C (-4° to 113° F)

Relative Humidity

0% to 90% non-condensing

What's Included

H.264 Pro Recorder

Software CD

+12V universal power supply with international socket adaptors

Warranty

12 Month Limited Manufacturer's Warranty.

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