Blackmagicdesign

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.

$495

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.
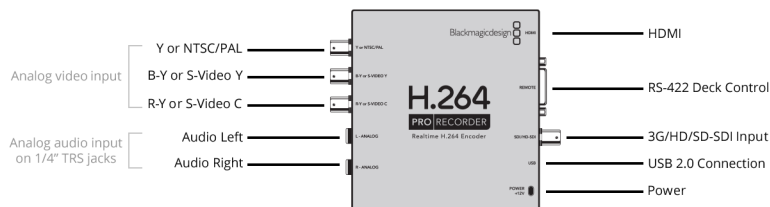
HDMI Video Input
1 x HDMI type A connector.

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

Audio Sampling
Television standard sample rate of 48 kHz and 24 bit.

Video Sampling
4:2:2 YUV

SDI Color Precision
10-bit

HDMI Color Precision
10-bit

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

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

Color Space
REC 601, REC 709

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

SDI Compliance
SMPTE 259M and SMPTE 292.

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 OS X™. Media Express, Blackmagic Control Panel and Blackmagic driver on Windows™.

Internal Software Upgrade
Firmware upgrade via USB.

Operating Systems

Mac OS X 10.10 Yosemite, Mac OS X 10.11 El Capitan 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

4.85 in
4.24 in
0.91 in
8.61 oz

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.

Blackmagic Design Authorized Reseller