Blackmagicdesign

Intensity Pro 4K

Intensity Pro 4K lets you capture and playback on PCIe Mac, Windows and Linux computers. Featuring HDMI and analog breakout connections, Intensity Pro 4K works with NTSC/PAL, HD and Ultra HD video with or without compression and is compatible with all popular video editing, audio, and streaming software. DaVinci Resolve Lite and Media Express software are included free so you get professional editing, grading and media management without having to buy extra software!

$199

Connections

HDMI Video Input
1 x HDMI type A connector.

HDMI Video Output
1 x HDMI type A connector.

HDMI Audio Input
8 Channels embedded in SD, HD and Ultra HD.

HDMI Audio Output
8 Channels embedded in SD, HD and Ultra HD.

Analog Video Input
Component, Composite or S-Video.

Analog Video Output
Component, Composite or S-Video.

Analog Audio Input
2 Channel RCA HiFi audio in 24-bit.

Analog Audio Output
2 Channel RCA HiFi audio in 24-bit.
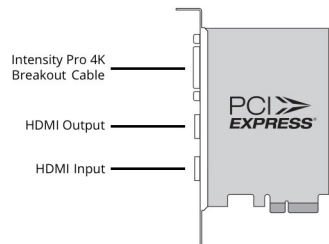
SPDIF Audio Output
2 Channel 24-bit.

Multiple Rate Support
HDMI video connections are switchable between SD, HD and Ultra HD. Component analog video connections are switchable between SD and HD.

Computer Interface
PCI Express 4 lane, compatible with 4, 8 and 16 lane PCIe slots.

Intensity Pro 4K
Breakout Cable

PCI EXPRESS

HDMI Output

HDMI Input

Standards

SD Format Support
625i/50 PAL and 525i/59.94 NTSC, 480p

HD Format Support
720p50, 720p59.94, 720p60, 1080i50, 1080i59.94, 1080i60, 1080p23.98, 1080p24, 1080p25, 1080p29.97, 1080p30, 1080p50, 1080p59.94, 1080p60.

Ultra HD Format Support
2160p23.98, 2160p24, 2160p25, 2160p29.97 and 2160p30.

HDMI Video Sampling
RGB 4:4:4 in HD and YUV 4:2:2 in Ultra HD.

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

Color Space
REC 601, REC 709.

HDMI Color Precision
10-bit

HDMI Configuration
HDMI 1.4b supports Deep Color and automatically configures to connected display.

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

Processing

UHD/HD Down Conversion
Software based down conversion during video playback.

HD Up Conversion
Real time SD to 1080HD and 720HD during video capture.

Real Time Effects
Final Cut Pro X internal effects. Premiere Pro CC Mercury Playback Engine effects. Avid Media Composer internal effects.

Software

Software Included
DaVinci Resolve, Media Express, Disk Speed Test, Blackmagic Desktop Video.

Internal Software Upgrade
Firmware built into software driver. Loaded at system start or via updater software.

Operating Systems

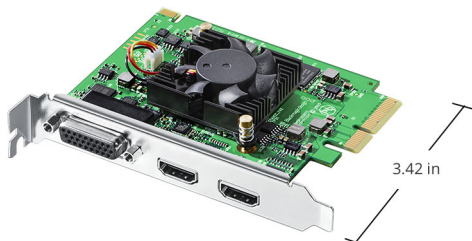Mac OS X 10.9 Mavericks, Mac OS X 10.10 Yosemite, Mac OS X 10.11 El Capitan or later.

Windows 8.1 or Windows 10.

Linux

Physical Specifications

3.42 in

0.22 lb

Physical Installation

PCI Express 4 lane, compatible with 4, 8, 16 lane PCI Express slots on Mac OS X, Windows 7 and 8, and Linux. Please check the Support pages to see the full system requirements.

Environmental Specifications

Operating Temperature
5° 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

Intensity Pro 4K
Software SD card.
Breakout Cable

Warranty

12 Months Limited Warranty.

Blackmagic Design Authorized Reseller