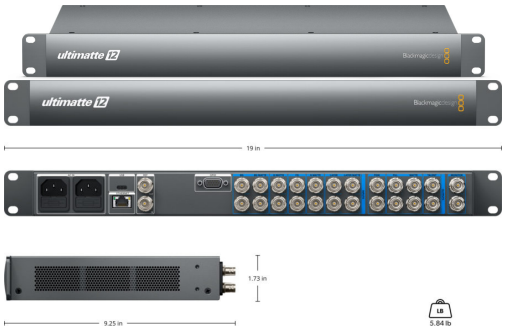
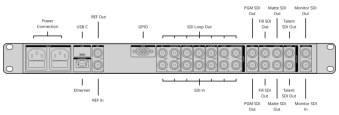
ULTIMATTE 12

Ultimatte 12 is an advanced real time compositing processor designed for keying live action video with next generation broadcast graphics, virtual sets and more. Ultimatte 12 features new algorithms and color science, incredible edge handling and color separation, amazing color fidelity, and better spill suppression than ever before. The high performance 12G-SDI design gives you the power to work in Ultra HD and HD with sub pixel processing for amazing image



Cena:
Kategorie: Video, Broadcast, Wirtualne Studio

GALLERY IMAGES



OPIS

Connections

SDI Video Inputs

7, plus monitor in

SDI Video Outputs

9

SDI Video Loop

7 x reclocked SD, HD, Ultra HD for corresponding inputs.

SDI Rates

270Mb, 1.5G, 3G, 6G, 12G multi rate support

Reference Input

Tri-Sync or Black Burst

Reference Loop Output

Tri-Sync or Black Burst

Control Panel Connection

Ethernet supports 10/100Mbps. Allows direct connection between Ultimatte 12 and Ultimatte Smart Remote 4.

GPIO

5 x GPI In; 1 x GPI Out; 1 x Tally In.

Standards

SD Video Standards

625i50 PAL, 525i59.94 NTSC

HD Video Standards

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

Ultra HD Video Standards

2160p23.98, 2160p24, 2160p25, 2160p29.97, 2160p30, 2160p50, 2160p59.94, 2160p60

SDI Compliance

SMPTE 259, SMPTE 292, SMPTE 424, SMPTE 2081, SMPTE 2082

Video Sampling

4:2:2

Color Precision

10-bit

Color Space

REC 601, REC 709, REC 2020

Software

Software Updates

Using USB-C connection directly connected to Mac™ or Windows™ computers.

Configuration

Ultimatte IP address is set via the Ultimatte setup utility connected via USB.

Control System

Control Panel Required

Ultimatte Smart Remote 4

Custom Control

Ethernet protocol included in the Ultimatte instruction manual.

Power Requirements

Power Supply

2 x Internal 100-240V AC, 50/60Hz

Power Usage

100W

Physical Installation

1 Rack Unit Size

Physical Specifications

Environmental Specifications

Operating Temperature

0° to 40°C (32° to 104°F)

Storage Temperature

-20° to 60°C (-4° to 140°F)

Relative Humidity

0% to 90% non-condensing.

What's Included

Ultimatte 12 processor

SD card contains software and manual

Warranty

12 Month Limited Manufacturer's Warranty.