

# 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

\$9,995

## 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

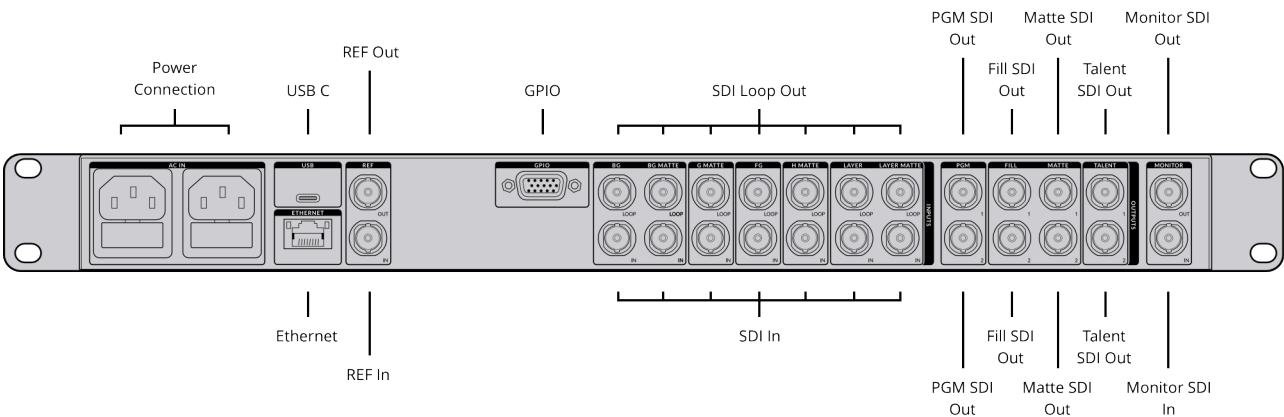
Tri-Sync or Black Burst

### 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

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**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

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## 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.

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## Control System

**Control Panel Required**

Ultimatte Smart Remote 4

**Custom Control**

Ethernet protocol included in the  
[Ultimatte instruction manual](#).

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## Power Requirements

**Power Supply**

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

**Power Usage**

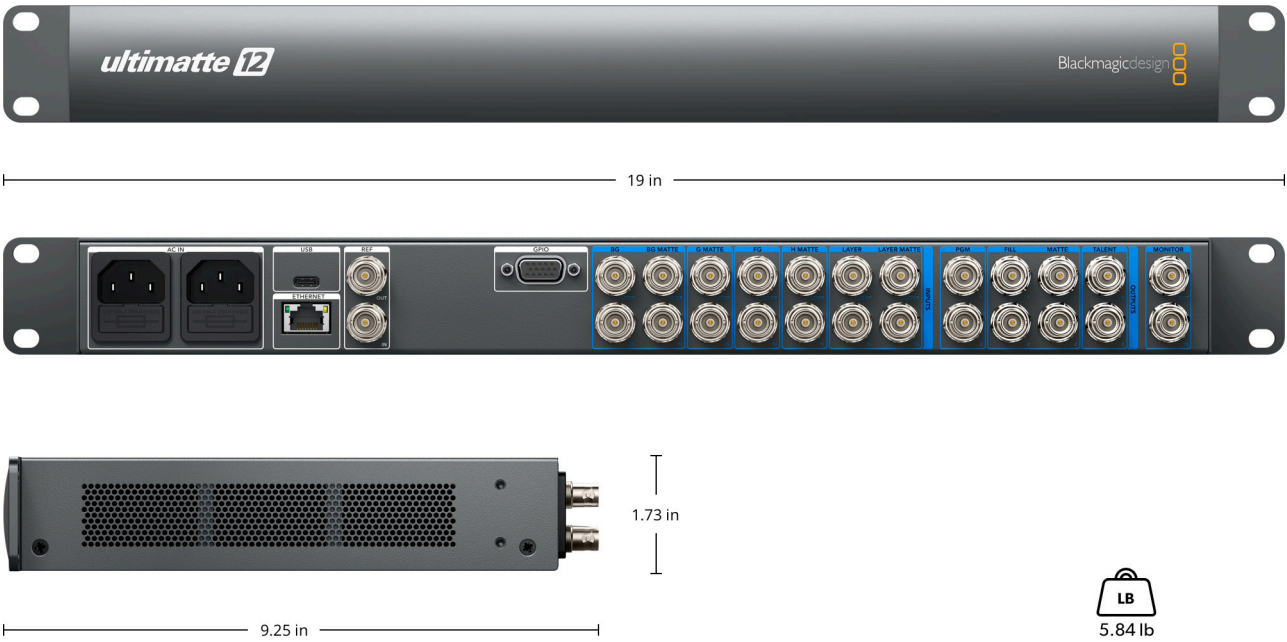
100W

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## Physical Installation

1 Rack Unit Size

Physical Specifications



Environmental Specifications

Operating Temperature	Storage Temperature	Relative Humidity
0° to 40°C (32° to 104°F)	-20° to 60°C (-4° to 140°F)	0% to 90% non-condensing.

What's Included

- Ultimatte 12 processor
- SD card contains software and manual

Warranty

12 Month Limited Manufacturer's Warranty.

Blackmagic Design Authorized Reseller