

# Ultimatte 12 HD Mini



**\$495**

Ultimatte 12 HD Mini is an advanced real time keyer designed for creating next generation virtual sets and more with consumer cameras. The HDMI connections are perfect for use with Blackmagic Studio Cameras, Pocket Cinema Cameras and ATEM Mini live production switchers. Plus there's a massive 6 GB frame store for realistic fixed camera virtual sets from pre rendered still frames. Ultimatte 12 HD Mini features broadcast quality algorithms and color science to deliver photorealistic composites.

## Connections

### SDI Video Inputs

2  
Monitor In for monitor cascade plus Return In for camera control.

### SDI Video Outputs

2

### HDMI Video Inputs

2

### HDMI Video Outputs

1

### Video Input Re-Sync

On all inputs.

### SDI Rates

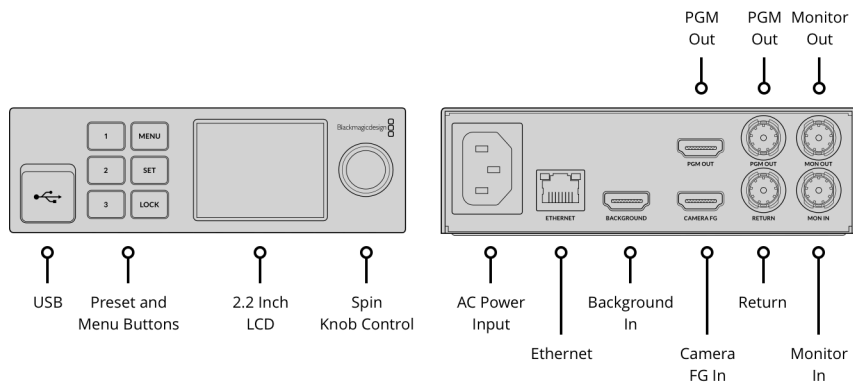
270Mb, 1.5G, 3G.

### Ethernet

Up to 1Gb/s for device control and loading stills into Media Pool.

### Computer Interface

1 x USB-C 3.0 for device configuration and software updates.



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## Standards

### SD Video Standards

525i59.94 NTSC, 625i50 PAL

### HD Video Standards

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

### SDI Compliance

SMPTE 259M, SMPTE 292M,  
SMPTE 296M, SMPTE 424M,  
SMPTE 425M level A and B.

### Video Sampling

4:2:2

### Color Precision

10-bit

### Color Space

REC 601, REC 709.

### Multiple Rate Support

Auto detection of SD and HD.

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## Composite Sources

### Foreground

1 x HDMI In

### Background

1 x HDMI In  
Still from Media Pool

### Background Matte

Internal Window  
Still from Media Pool

### Garbage Matte

Internal Window  
Still from Media Pool

### Holdout Matte

Internal Window  
Still from Media Pool

### Layer

Still from Media Pool

### Layer Matte

Internal Window  
Still from Media Pool

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## Composite Outputs

### Program

1 x HDMI  
1 x 3G-SDI

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## Monitor

### Monitor In

1 x 3G-SDI  
for monitor cascade

### Monitor Out

1 x 3G-SDI

For monitoring Program, Foreground Input, Background Input, Combined Matte, Internal Matte, Fill Out, Layer Input, Background Matte Input, Garbage Matte Input, Holdout Matte Input, Layer Matte Input, Processed Layer Matte, Processed Holdout Matte, Processed Garbage Matte, Processed Background Matte, Screen Correction.

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## Media Pool

### Background Still Image Formats

TGA, TIFF, BMP, PNG, JPG.

### Layer Image Still Image Formats

TGA, TIFF, BMP, PNG, JPG.

### Holdout Matte Still Image Formats

TIFF, BMP, PNG, JPG.

### Background with Alpha Still Image Formats

TGA, TIFF, BMP.

### Layer with Alpha Still Image Formats

TGA, TIFF, BMP.

### Media Pool Memory

6GB non-volatile internal storage.

### Garbage Matte Still Image Formats

TIFF, BMP, PNG, JPG.

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## Displays

Built in 2.2 inch color display for device name, video preview, video standard audio meters, status and menus.

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## Control

### Front Panel

2.2 inch color display, 3 preset buttons, 3 menu buttons and spin knob.

### Software Control

Ultimatte Software Control supported on Mac™ or Windows™ computers.

### Camera Control

Blackmagic camera control and tally supported when used with compatible cameras and ATEM switchers.

### Control Connection

Network or direct Ethernet connection to a computer running Ultimatte Software Control or Ultimatte Smart Remote 4.

### Hardware Control Panel

Ultimatte Smart Remote 4

### Custom Control

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

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## Software

### Software Updates

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

### Configuration

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

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## Operating Systems



Mac 11.0 Big Sur,  
Mac 12.0 Monterey or later.



Windows 10, 64-bit.  
Windows 11.

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## Power Requirements

### Power Supply

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

### Power Usage

12W

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## Accessories

### Optional Accessories

Ultimatte Smart Remote 4

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## Physical Installation

One third rack unit width, 1 rack unit  
height.

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## Physical Specifications



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## 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.

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## What's Included

Ultimate 12 HD Mini

Welcome wallet with QR code for software download

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## Warranty

12 Month Limited Manufacturer's Warranty.

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