

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

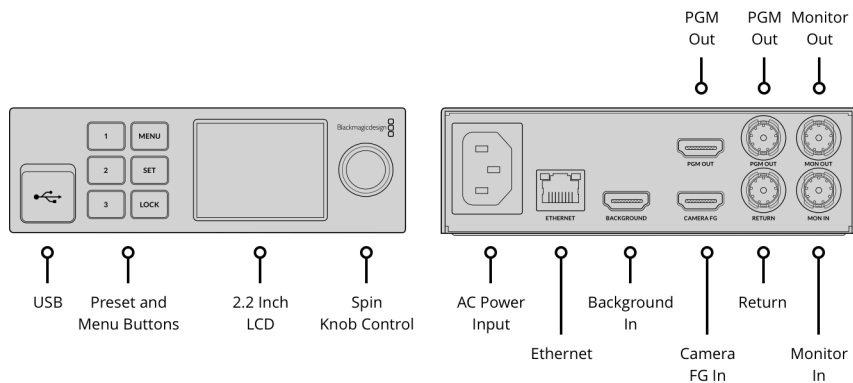
270Mb, 1.5G, 3G.

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.



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.

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

Composite Outputs

Program

1 x HDMI
1 x 3G-SDI

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.

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.

Displays

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

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](#).

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.

Operating Systems



Mac 11.0 Big Sur,
Mac 12.0 Monterey or later.



Windows 10, 64-bit.
Windows 11.

Power Requirements

Power Supply

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

Power Usage

12W

Accessories

Optional Accessories

Ultimatte Smart Remote 4

Physical Installation

One third rack unit width, 1 rack unit
height.

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

Ultimate 12 HD Mini

Welcome wallet with QR code for software download

Warranty

12 Month Limited Manufacturer's Warranty.

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