Ultimatte 12 HD Mini

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.

$495

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

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.

**Background with Alpha Still Image Formats**  
TGA, TIFF, BMP.

**Layer Image Still Image Formats**  
TGA, TIFF, BMP, PNG, JPG.

**Layer with Alpha Still Image Formats**  
TGA, TIFF, BMP.

**Garbage Matte Still Image Formats**  
TIFF, BMP, PNG, JPG.

**Holdout Matte Still Image Formats**  
TIFF, BMP, PNG, JPG.

**Media Pool Memory**  
6GB non-volatile internal storage.

## 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.

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

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

**Hardware Control Panel**  
Ultimatte Smart Remote 4

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

**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

![Physical Specifications Image]

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 HD Mini
Welcome wallet with QR code for software download

Warranty

12 Month Limited Manufacturer's Warranty.

Blackmagic Design Authorized Reseller