

ultimatte[®] HD

Digital

powered by
advantedge



Ultimatte Corporation has consistently set the industry standard for **blue/green screen** real-time compositing hardware.

Ultimatte HD Digital is the latest high-bandwidth, multi-standard, **real-time** matte generation system created specifically for **high-definition** image production. The 1-RU high electronics package has been designed to meet the specific demands of digital broadcast and digital cinema 24p. Current standards for **1080p**, **1080psf**, **1080i** and **720p at 24, 25 and 30 fps** are all included in one system. New features can be added with future software upgrades. Visit our website to learn more about our award winning hardware and software products.

www.ultimatte.com

Ultimatte USA

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Ultimatte Europe

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Ultimatte HD Specifications

1080@24psf, 1080i, 720p

Features

New features will be added with future software upgrades.

Soft edge windows (Internal Garbage Matting)
Flare Suppression Controls
Colorizing Controls
Ambiance
Matte Controls
Matte Sizing
Conforms to SMPTE 292M
10-bit SDI inputs and outputs
4:4:4:4 Internal FG processing and Matte Generation
Screen Correction
Hold-Out Matte (future upgrade)

4 Inputs : User Selectable 4:2:2:4 or 4:4:4:4 as dual link

HD Foreground
HD Background
HD Matte-In
HD Digital Reference in
HD Screen Correction

2 Outputs : User Selectable 4:2:2 or 4:4:4

Dual FG+BG (Composited HD Image)
Matte 4:0:0
Processed Foreground (Original Image against black w/ all flare removed and color controls applied.)

Video

Internal FG Processing and Matte Generation 4:4:4:4
Inputs Serial Digital Interface SMPTE 292M BNC
75 ohm with active loop-through
Outputs Serial Digital Interface SMPTE 292M BNC
75 ohm

Data Control

Remote RS422, DB9 Female
Editor interface RS232/RS422, DB9 Female
GPI Contact Closure/TTL, DB27
PC Port (on SmartRemote) RS232, DB9 Female

Dimensions

H x W x D cm / in
HD Main Unit: 4.44 x 43.18 x 44.45 cm/1.75 x 17.0 x 17.5 inches
13.18 kg / 29 lbs
HD Main Unit Shipping weight
Smart Remote 17.78 x 43.18 x 4.45 cm/7.0 x 17.0 x 1.75 inches
Smart Remote shipping weight 5.91 kg / 13 lbs

Power

Mains 90v to 240v AC, 50/60 Hz

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Specifications Subject to Change Without Notice