

# Baselight HD datasheet



Baselight HD with Blackboard

Fast, creative video grading and finishing

Baselight HD is a powerful, eight dual core system with 18TB formatted disk, audio, fast networking and dual-link SD/HD video ingest and lay-off, housed in 5U of rack space.

The system includes the Blackboard control surface and GUI monitor, and is supplied with a dedicated, suite-side control PC. Baselight HD is designed for fast, creative video grading and finishing but, with no resolution restrictions, can also be used as part of a film pipeline with the addition of Truelight.

Baselight grading software		Media handling	
Simultaneous grade layers	Unlimited	Frame size	640x480 to 4096x3112
Simultaneous shapes (windows)	Unlimited	Input & output file formats	dpx, cin, tga, tiff, mxl, quicktime, video
Simultaneous key layers	Unlimited	Playback frame rate	23.98 to 60fps
Plugin support	OFX™	EDL support	CMX3600, FLE, AAF, XML
Colour management	Truelight (optional)	Connectivity	GigE, 10GigE (optional), SAN fibre channel (optional)
Colour space handling	Linear, log, video		
Storage		Grading display	
Capacity	16TB (1TB disks)	Output	DVI, SDI (single/dual link), VGA
RAID protection	RAID 5	Resolution	Up to 2048x1536
I/O bandwidth	>500MB/s	Frame rate	23.98p~60i
Caching	Automatic, intelligent	Truelight	Optional
Disk management	Auto defrag/optimize	Synchronisation	DVI (internal), SDI (external)
User interface		Video	
Host processor	Opteron 175	Ingest	HD SDI (10-bit), single/dual link, HD/SD
UI display	Up to 2048x1536	Playout	HD SDI (10-bit), single/dual link, HD/SD
Control surface	FilmLight Blackboard	Formats	720x486~2048x1080
Connectivity	GigE, USB, IEEE1394	Frame rate	23.98p~60i (psf supported)
Audio		Sampling	422, 444, YCrCb/RGB
File formats	wav, aiff	Machine control	RS422 9-pin I/O
Sampling	24bit, 48kHz	Synchronisation	Internal/external
Input channels	8 (AES/EBU)	Software control	Embedded in main app & external app
Output channels	8 (AES/EBU)		
Monitoring	Analogue, S/PDIF		

**Main Office (London):**  
London, UK  
t: +44 (0)20 7292 0400  
f: +44 (0)20 7292 0401

**USA Office:**  
Los Angeles, CA, USA  
t: +1 (323) 785 1630  
f: +1 (323) 785 1649

**Asia Pacific Office:**  
Singapore, SG  
t: +65 9670 3283  
f: +65 6234 1575

[www.filmight.ltd.uk](http://www.filmight.ltd.uk)  
[info@filmight.ltd.uk](mailto:info@filmight.ltd.uk)

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