Baselight datasheet

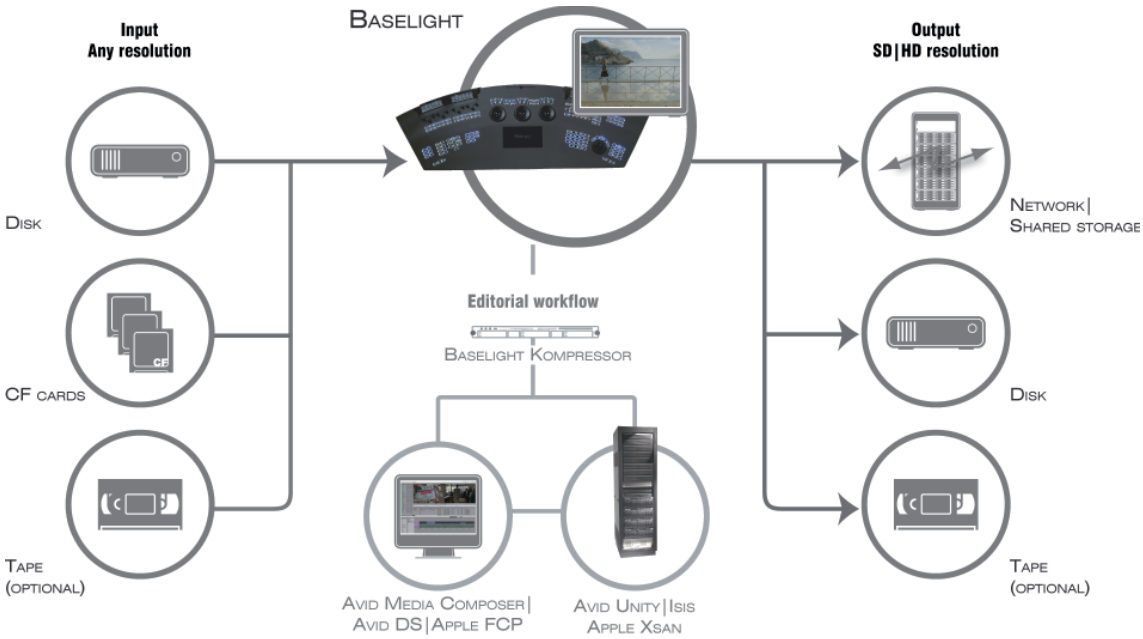
Simply irresistible

Baselight provides a winning combination—all the award-winning features of a larger Baselight system at an exceptional price.

Designed for broadcast post facilities, Baselight provides a highly cost-effective way to benefit from the class-leading performance and toolset of Baselight systems.

While source image data can be in any format, television production often demands that programs are delivered in multiple formats: Baselight can handle all input resolutions and deliver formats up to and including dual-link RGB 4:4:4 HD. Baselight is a fully configured system, using the complete creative toolset and featuring GPU performance rendering.

Baselight is pre-configured to work in a file-based, editorial environment and includes our Kompressor technology. This provides easy interoperability between Baselight grading operations and editorial systems based around Avid Media Composer or Apple Final Cut Pro and linking to Avid Unity|ISIS or Apple Xsan storage—without ever needing to copy media. It can also provide extended codec support for Baselight.



Baselight workflow

FilmLight

For video-based environments that require direct ingest and playout, Baselight can easily be extended to provide full HD SDI video I|O.

Like our other systems, Baselight has a clear upgrade path—it can be upgraded at any time, so your system can continue to grow along with your business.

Components

Baselight is a complete colour grading system, and includes:

- Blackboard control panel.
- 10-bit, dual-link, SD|HD image display output.
- 12TB of high-performance, RAID 5 storage.
- Node computer system with hardware GPU rendering.
- Baselight Kompressor media accelerator with advanced codec support and 10GigE connectivity.
- The latest Baselight software.

Options

- SD|HD video I|O with VTR deck control.

Technical specifications

System		User interface	
Memory	8GB	UI display	Up to 2048x1536
Processors	2 x quad core 1 x high-performance GPU	Control surface	FilmLight Blackboard
Baselight grading software		**Media handling**	
Simultaneous grade layers	Unlimited	Frame size	Ingest: 640x480 to 4096x3112 Render: Up to 1920x1080
Simultaneous shapes (windows)	Unlimited	Input & output file formats	dpx, cin, tga, tiff, mxf, quicktime, video
Simultaneous key layers	Unlimited	Playback frame rate	23.98 to 60fps
Plugin support	OFX™	EDL support	CMX 3600, FLE, AAF, XML
Colour management	Truelight (integrated)	Connectivity	2x1GigE, USB 2.0, IEEE1394 400/800, eSATA, Baselight Kompressor Optional: 10GigE, 4G fibre channel
Colour space handling	Linear, log, video		
Storage		**Grading display**	
Useable capacity	12TB (using 16x1TB disks)	Output	DVI, VGA (optional SDI monitoring)
RAID protection	RAID 5	Resolution	Up to 2048x1536
I/O bandwidth	>500MB/s	Frame rate	23.98p~60i
Caching	Automatic, intelligent	Truelight	Built-in
Disk management	Auto optimise/defragment	Synchronisation	DVI (internal), SDI (external)
Audio		**Video (optional)**	
File formats	wav, aiff	Ingest	SD|HD SDI (10-bit), single/dual link
Sampling	24-bit, 48kHz	Playout	SD|HD SDI (10-bit), single/dual link
Input channels	8 AES/EBU (optional)	Formats	720x486~1920x1080
Output channels	8 AES/EBU (optional)	Frame rate	23.98p~60i (psf supported)
Monitoring	Analogue, S/PDIF	Sampling	422, 444, YCrCb/RGB
		Machine control	RS422 9-pin I/O
		Synchronisation	Internal/external
		Software control	Embedded in main app & external app

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.filmlight.ltd.uk
info@filmlight.ltd.uk

FilmLight