

## **Cooke /s/ Technology Using a Metadata Capture and Sharing Workflow**

With schedules tighter than ever and demands for higher image quality, the need for production and post to work closely together has never been more important. A new protocol is improving efficiency and quality across the entire workflow, saving significant time and cost /s/ Technology from Cooke Optics.

/s/ enables film and digital cameras to automatically record key lens and camera data for every frame shot and provide it to post-production teams digitally. It streamlines production and post, saves time and cost, and eliminates guesswork while enabling greater creative freedom.

**Capture** Use any PL mounted camera\* – digital or film – to capture focus, zoom and iris settings of each take, synced to timecode. No manual data recording, no errors.

### **Record**

/s/ records the information (directly into the camera or via /s/ dataLink\*) for every frame at any frame rate up to 60 fps, film or digital, and stores it as metadata.

### **Share**

Metadata is passed through to post-production\*\* to improve VFX creation and DI calibration.

### **Improve Accuracy & Speed**

Artists create visual effects and 3D models that are more accurate, with much greater speed.

### **\*Supporting Cameras and Devices:**

RED has built-in /s/ support utilizing contacts in the RED camera lens mount for direct metadata capture.

Aaton has built /s/ support into the Penelope 2 35mm camera, for direct metadata capture.

Cooke's /s/ dataLink device is a small box that mounts easily to any camera to record lens data from any /s/ enabled lens, records it on an SD card, and stores settings as metadata for post-production.

### **/s/ is also supported by devices from**

- ARRI
- Cinematography Electronics
- Preston Cinema Systems
- CMotion
- Service Vision
- Mark Roberts Motion Control

### **Supporting lenses:**

- Cooke S4/s/ Prime Lenses
- Cooke S4/s/ 15-40mm CXX T2.0 Zoom
- Cooke RED Set**

RED 18-50mm Zoom  
RED 50-150mm Zoom

**\*\*Supporting Software:**

Avid editing systems take lens metadata captured with /s and pass it through to VFX. Stay tuned for news of additional editing system support. The Pixel Farm's PF Track tracking software fully supports /s syncing lens data with 3D camera data.

**For more about /s, contact Les Zellan at [les@cookeoptics.com](mailto:les@cookeoptics.com).**

**For more about /s and editing:**

"Avid and /s dataLink," by Michael Phillips, Principal Product Designer, Avid.  
Published in Jon Fauer's Film & Digital Times, March 2007, Issue 10

**More about /s and post production:**

"Camera Tracking 101," by Michael Lancaster, Product Director, The Pixel Farm, developer of PFTrack 4.0.

Both articles published in Jon Fauer's Film & Digital Times, March 2007, Issue 10