

# INNOVATIVE TECHNOLOGIES: Lens Data integration: LensReader™.

For many years camera & lens data have been available to the Post-production crew. Transvideo LensReader™ technology provides usefull data to the crew on-set.



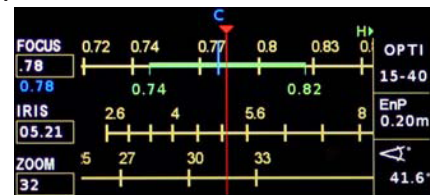
The CineHD display scales on the screen reproducing the Focus, Iris, and Zoom engravings. Two operating modes: Mobile where the focus/iris/zoom scales are moving as on a physical lens; Static where the cursors are moving on the fixed scales.

The focus scale also indicates the depth of field and hyperfocal point. The Iris graphic can be displayed in Decimal or Fraction values. Units can be switched between Imperial and Metric. For film lenses select 16mm or 35mm. The LensReader™ is extremely simple to set-up: The data is readily streaming from the LDS lenses via the BNC cable that also carries HD video. For i/Lenses (Cooke & Angenieux), just plug in the special Transvideo cable between the lens and the monitor to retrieve the data. The communication between the lenses and the CineHD monitors takes place in real time, making it a reliable tool for critical focus pulling.



## LensReader™ Cinetape™ interface:

In addition to the Focus, Iris & Zoom scales, the LensReader™ also displays data from the CineTape. This versatile ultrasonic system from Cinematography Electronics continuously calculates the distance between a subject and the camera's film-plane. When connected to the CineMonitorHD Evolution, measured distance is displayed in blue on the focus ring. The Cine Tape is connected to the monitor via a special Transvideo RS232 cable.



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# INNOVATIVE TECHNOLOGIES: LensReader™ Compatible Lenses.



## Lens Model:

**Angénieux** Optimo DP 25-250

**Arri/Zeiss** Ultra Prime LDS  
Arri/Zeiss Master Prime  
Arri/Zeiss Master Anamorphic  
**Arri/Fujinon** Alura Lightweight zooms

**Cooke** 5/i  
Cooke S4/i  
Cooke miniS4/i  
Cooke Anamorphic/i

**Fujinon** Cabrio series

## Connection:

RS232 connector on the Lens with special Transvideo lens data cable.

From HD SDI cable carrying HD video on Alexa Sup 7 (or higher)

RS232 connector on the Lens with special Transvideo lens data cable.

OR

From HD SDI cable carrying HD video on Alexa Sup 7 (or higher) or Sony PMW-F3/ F5/F55/F65 (depending on hardware & firmware).

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*Information valid for CineMonitorHD Evolution SW7 (software 7.xx).*

*The CineMonitorHD Evolution 1 (SW5) and 2 (SW6) only support Cooke S4/i and 5/i metadata: lenses must be connected to the monitor with a Transvideo special data lens cable.*

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