DIGITAL CAMERA SYSTEMS

Make every lens smart

Introducing the Lens Data Translator for Virtual Production teams



Visit www.dcs.film

Virtual Production teams... Breathe a sigh of relief. The LDT-V2 is here.



How does the LDT work?

The LDT-V2 is a versatile device that can be connected to a lens control system, a smart lens or an LDT-Encoder. It reads the Focus, Iris and Zoom axis movements of the lens and translates them into real time lens metadata. This metadata can then be wirelessly streamed into Unreal Engine, Disguise, Stage Precision and Aximmetry, whilst simultaneously being recorded on board for post production VFX.

Key features

- Compatible with any Digital or Film Camera using ANY lens
- Works with lens control system, and smart lenses
- Optional LDT-Encoders for compatibility with any system
- Native Unreal Engine Plugin
- Small Footprint and power consumption
- Record lens metadata directly into the RAW files or as a sidecar CSV
- Stream shading and distortion data from compatible smart lenses

Why do I need lens data?

Lens data is a vital component to unlocking the full potential of virtual production and the LDT-V2 is the key. Your lens' Focus, Iris and Zoom settings and their variation throughout a shot affect the digital backgrounds and tracking them properly will allow your digital camera to match and react to your live camera seamlessly. This is the key for a solid ICVFX setup and a consistent blending between foreground and background elements.

The LDT-V2 is a versatile solution to delivering live, accurate lens information in real-time, wirelessly from action to engine.

LDT-V2
W 120 x D74 x H30mm
300 grams



Data sources

Lens control system	Smart Lens	LDT-E2
• Supports 3rd Party lens control system (List Here) • No additional motors or encoders on the lens	• Connect direct from lens to LDT • Live data - no encoder required on lens • Live shading and distortion values (Zeiss Lenses and Cooke/i)	• DCS' own lens encoder • Frictionless • Works with all lenses • Dimensions/Weight L70 x D40 x H25mm 130grams
Preston Cinema Systems cmotion	ZEISS Cooke FUJINON	LDT-E2 DCS DIGITAL CAMERA SYSTEMS

Compatibility

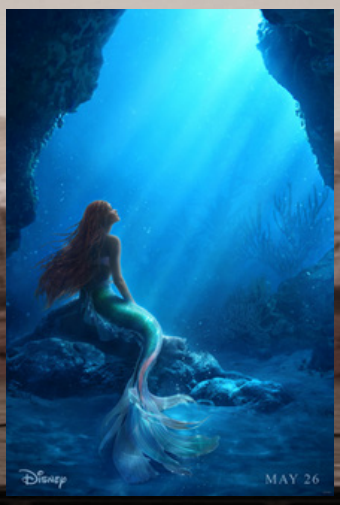
STAGE PRECISION
disguise
UNREAL ENGINE
Aximmetry

DCS Support

When using any DCS product you also get access to personalised assistance for the complete life cycle of your project to guarantee excellent results:

- Dedicated Support Site
- Set-up Videos
- Lens Encoding Training
- Pipeline Consultation Meetings
- Plugin support
- Troubleshooting (live chat)

DCS' latest productions:

















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WANT TO KNOW MORE?

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