


OV1 Support Status Across Lens Control Systems - Release Firmware May 2026

	ARRI Hi-5 / WCU-4 & RIA-1	ARRI Hi-5 / WCU-4 & LCUBE CUB-1	ARRI Hi-5 & ALEXA 35	Preston HU3 / HU4 & MDR 3/4/5	cmotion cPro / cPro+ & LCUBE	Heden YMER-3 & VCL-3	Teradek RT Control.3 / .5 & MDR.X / .S
SERIAL PROTOCOL	ARRI Hi-Speed (Bidirectional)	ARRI Hi-Speed (Bidirectional)	ARRI Hi-Speed (Bidirectional)	Preston (Bidirectional)	ARRI Hi-Speed (Bidirectional)	Custom Hi-Speed (Bidirectional)	Custom Hi-Speed (Unidirectional)
CURRENT OV1 SUPPORT STATUS	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	UNSUPPORTED
CURRENT COOPERATIVE DEVELOPMENT STATUS	ACTIVE	ACTIVE	ACTIVE	OPEN-SOURCE	ACTIVE	ACTIVE	INACTIVE
NOTES	Most OV1 features supported; additional performance optimization and ARRI FOCUSBUG License refinements arriving in pending ARRI SUP. Contact Focusbug for beta SUP.	Native ARRI LCUBE firmware issue can cause compatibility issue. Contact Focusbug for workaround. Fix and ARRI FOCUSBUG License refinements arriving in pending ARRI SUP.	Most OV1 features supported when using LDS lenses only; additional performance optimizations including functionality with non-LDS lenses and ARRI FOCUSBUG License support arriving in pending ARRI SUP	All core OV1 features supported via available open-source Preston serial protocol.	Most OV1 features supported; performance optimization and bidirectional Cine RT control opportunities under review by cMotion.	All core OV1 features supported; performance optimization and bidirectional Cine RT control arriving in pending YMER-3 update.	Teradek RT to release Cine RT Serial Cable for connectivity via MDR.S / MOTR.s motor chain. No OV1 or Cine RT control support currently planned by Teradek RT.