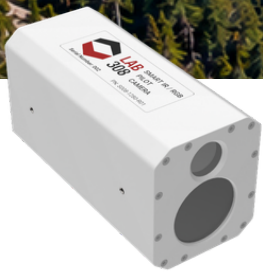
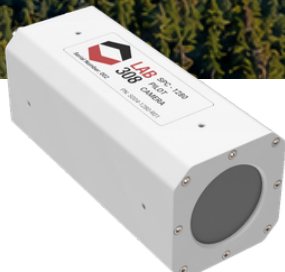


LAB308 THERMAL IMAGING SYSTEMS BUILT FOR AERIAL FIREFIGHTING

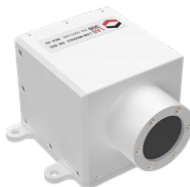
Realtime Video. Orbit Friendly. Passive Mapping. Modular Cameras.



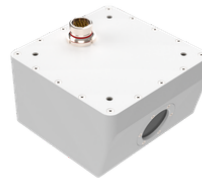
SPC DUAL



SPC



LSIR



SCC



Aio



miniARINC



Real Time IR Video

Lab 308 focuses on real-time video outputs; either in cockpit video display formats or digital video capable of streaming to any application that supports digital video standards.



Transparent Pricing

Lab 308 endeavors to support fire customers with fair and transparent commercial pricing. Camera lease model supports non year round aerial fire operations.



Orbit Friendly Operations

Lab 308 smart cameras with industry first wide FOV optics passively collect imagery when aircraft conditions permit, yielding fire maps with no special flight paths required.

Built for aerial fire operations.

// **SPECIFICATIONS** // Lab 308 Family of Products

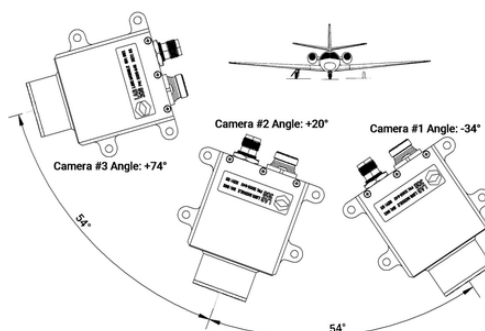


	SPC Dual	SPC	LSIR HD	LSIR SD	SCC	AiO	miniARINC
Weight	600g	430g	340g	285g	500g	1.1kg	135g
LWIR GSD @2500 ft	0.65m	0.65m	0.65m	1.3m	-	1.3m	2.8m
RGB GSD @2500 ft	0.52m	-	-	-	0.95m down / 0.67m fwd	0.95m	0.95m
NIR GSD @2500 ft	-	-	-	-	-	0.95m	-
HFOV	60°	60°	60°	60°	150° down / 80 fwd°	150°	150°
Radiometric LWIR	Yes	Yes	Yes	Yes	-	Yes	Yes
Geolocated Images	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Geolocated Video	Yes	Yes	Yes	Yes	Yes	Yes	Yes
HD-SDI video	*yes, or PoE	*yes, or PoE	-	-	-	-	-
PoE	*yes, or HD-SDI	*yes, or HD-SDI	-	-	Yes	-	-
GPS Receiver	Yes	Yes	Yes	Yes	Optional	Yes	Yes
Price (HD)	\$48,600	\$39,800	\$34,800	\$20,590	\$8,800	\$82,850	TBD



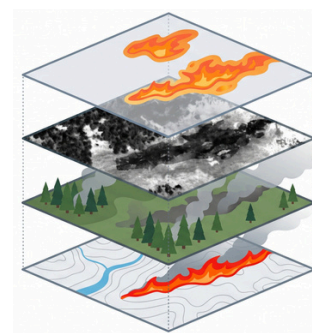
No Operator Mapping

Lab 308 cameras capture & process wide-area fire perimeters completely autonomously, delivering IR maps without requiring a dedicated sensor operator on board.



Aviation Ready

Lab 308 cameras are IP67-rated, modular in design and allow you to build large fixed sensing arrays that seamlessly integrate onto existing aerial fire aviation platforms.



Multi Band Fire Sensing

Lab 308 cameras see through smoke and pinpoint active fire lines with HD infrared and create actionable video streams from any size fire aviation platform.

At Lab 308, we engineer mission-critical thermal imaging systems built for extreme aerial firefighting environments.

SCHEDULE AN INTRO CALL OR FLIGHT DEMO

sales@lab-308.com | www.lab-308.com



Preliminary specifications - subject to change. October 2026
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