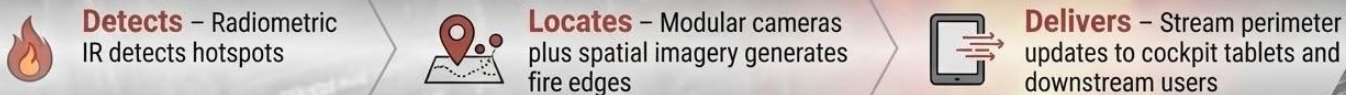


# Longwave Spatial Image Reconstruction

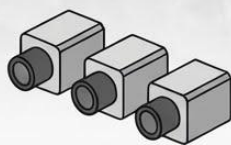
## Smart Modular Camera

### Lab308 LSIR Cameras

“Smoke-penetrating infrared that gives Air Attack clear, actionable perimeter intelligence.”



#### Modular Array



Miniaturized fixed modules with no moving parts

#### Orbit Friendly



No specialized mow the lawn patterns

#### Cloud Processing



Demonstrated cost of \$1 per hour with onboard connectivity

#### Sizing Estimate

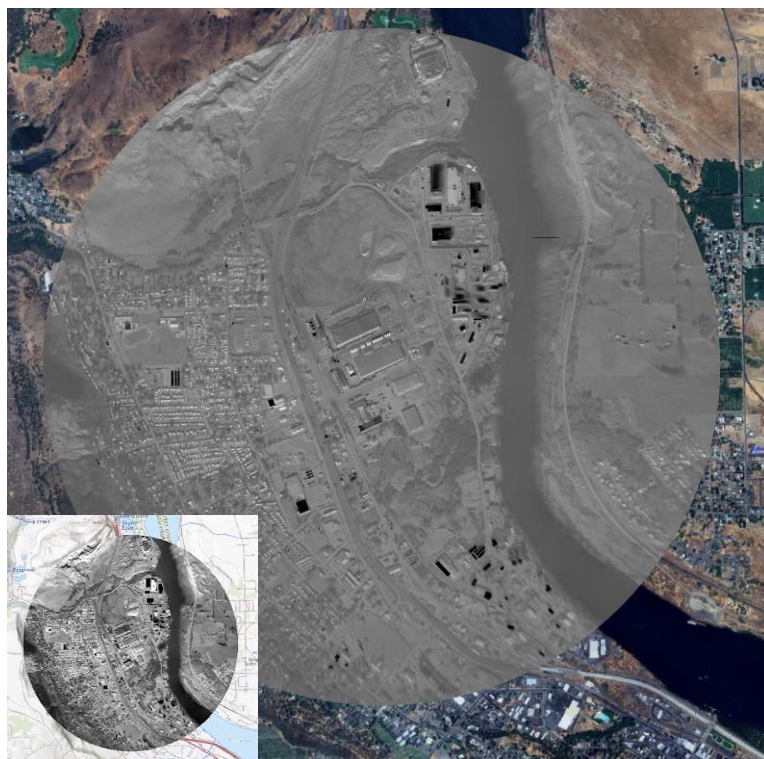


Automatically produced every 2 minutes after aircraft orbit



Lab 308 LSIR cameras are designed to integrate onto all aerial fire platforms with no change in operational usage and passively collect, interpret and deliver high quality IR maps and wildfire perimeter estimates in real-time.

**NO OPERATOR** Required    **NO FLIGHT PATH** Required



Configuration	Coverage @ 2.5k ft AGL	Coverage @ 5k ft AGL	Purchase Price	or Lease Price	Hourly Operation
Single Camera	5,600 acres	14,000 acres	\$20,950	\$7k per year	<\$1 per hour
Three Camera Array	10,200 acres	24,000 acres	\$52,850	\$17.5k per year	<\$1 per hour

LSIR modules contain integrated GPS/INS and are IP67 weatherized and EMI tested. Onboard storage of 16 days images or 7 days images + H.264 video. Hourly operation computed via Google Cloud, not inclusive of any connectivity charges. Compatible with major wildfire GIS tools and services.