



HYPER SIGHT®

HYPER SIGHT HS-640

Ultra-Rugged Vehicle Mounted Thermal Imaging Camera

CLARITY IN THE CHAOS

The HyperSight HS-640R is our most advanced thermal imaging camera for wildland firefighting. With the highest resolution we offer, powerful zoom, and a four-option color palette, it gives first responders a critical edge. Built to see through smoke, enhance situational awareness, and prevent costly accidents, the HS-640R keeps crews safe and vehicles in service.

SEE THROUGH SMOKE. AVOID COLLISIONS. STAY SAFE

When visibility vanishes, the HS-640R cuts through smoke, revealing emergency vehicles, personnel, and safe routes. Preventing accidents keeps crews protected and critical vehicles operational.

FIND HOTSPOTS FASTER. PREVENT REKINDLES

Every second counts. The HS-640R's high resolution and "Hotspot" mode highlight re-ignition risks, enabling faster suppression and fewer return calls. Clearer imaging leads to quicker, smarter decisions.

UNMATCHED IMAGE QUALITY FOR RAPID RESPONSE

- Highest Resolution Yet: Delivers unmatched thermal clarity for better decision-making.
- Precision Zoom: Focus on critical areas with enhanced detail.
- Four-Option Color Palette: Adapt to ambient temperatures for optimal thermal interpretation.
- Lag-Free Performance: A 30 Hz shutterless frame rate ensures real-time imaging in dynamic conditions.

BUILT FOR THE FRONT LINE

Rugged, reliable, and battle-tested, the HS-640R gives first responders confidence in extreme conditions. When visibility is compromised, trust HyperSight to bring clarity to the chaos.



SPECIFICATIONS:

Sensor:	Long Wave Infrared Sensor
Resolution:	640 × 480
Dimensions:	1.9"L x 2.6"W x 1.9"H
Frame Rate:	30 frames/sec
Power:	12V-24V
Weather:	IP67
Body Material:	Stainless Steel
Wavelength:	8-12 µm
Operating Temp:	-20°C to +65°C (Internal)
Video Format:	HDMI
FOV:	HFOV: 51°, VFOV: 38.25°
Shutter:	Shutterless design
Palette Options:	White Hot, Black Hot, Iron Red, Hot/Cold or "Hot Spot"

What kind of vehicle will your department equip with HyperSight Advanced Thermal Vision?



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