

IRST21[®] Sensor Systems



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Lockheed Martin. Your Mission is Ours.[®]

IRST21 is a passive, long-range system that uses a longwave infrared sensor capable of detecting, tracking and engaging airborne targets in radar-denied environments. IRST21 can autonomously, or in combination with other sensors, support the guidance of beyond-visual-range missiles. Fielded and in-production now, IRST21 is transportable for fighter, non-fighter and unmanned air vehicles. More reaction time, improved survivability and unmatched threat detection make IRST21 a powerful tool for achieving air superiority.

FEATURES

- Alternate, integrated fire control system
- Long-range, autonomous air-to-air threat detection, tracking and ranging
- Scans a large field of regard
- Three axis stabilized gimbal
- Very low false alarm rate
- Immune to electronic deception
- Programmable scan modes



Infrared Receiver



Processor