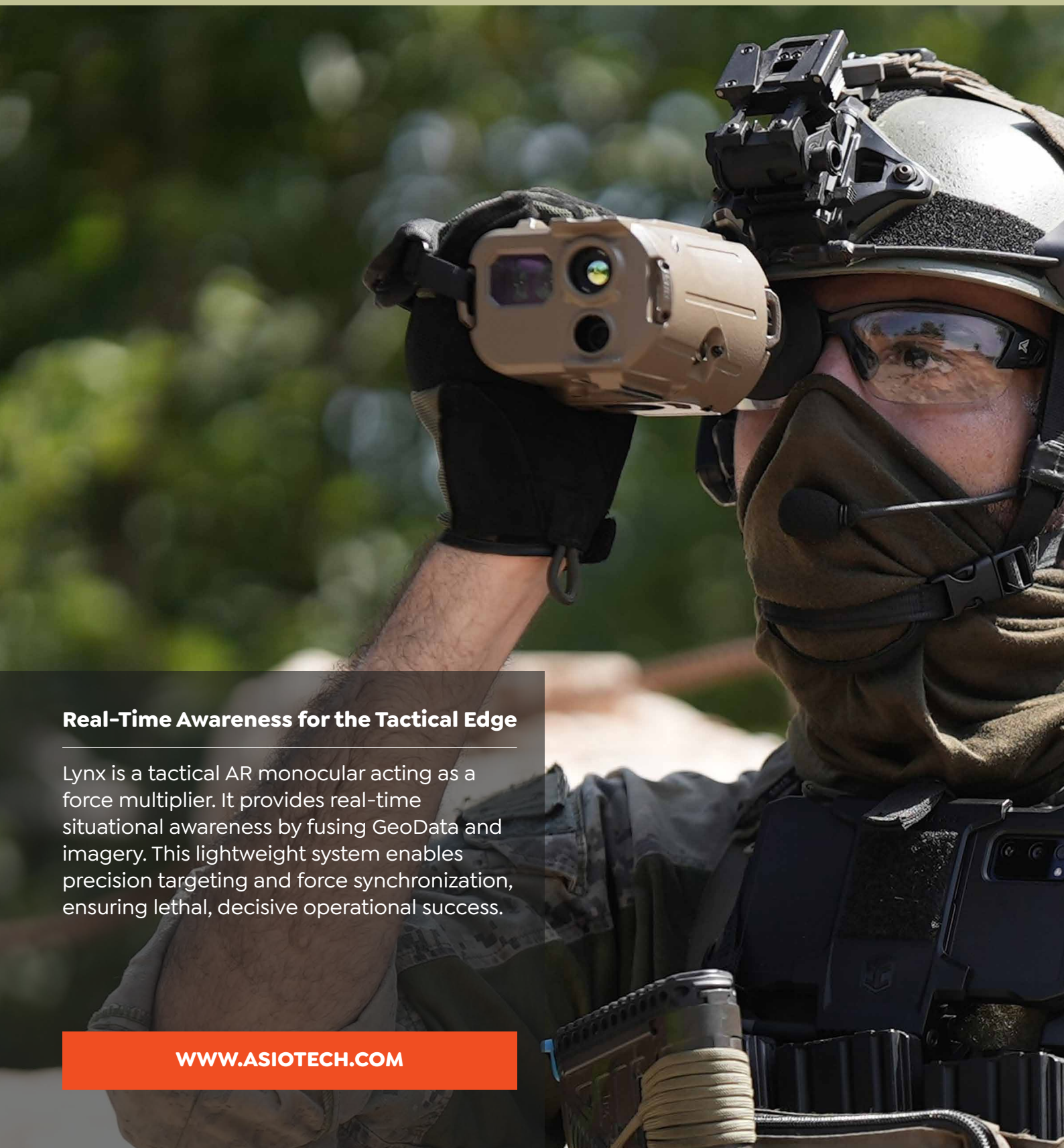
ASIO

KFSB ISR LAT: 32°11’31.34”N LON: 34°53’28.14”E ELEV: 110M MGRS: 36S XA 78270 63289

TACTICAL AUGMENTED REALITY (AR) MONOCULAR

LYNX

- CAT I TARGETING
- FORCE SYNCHRONIZATION AND IFF
- SENSOR-DRIVEN INTEGRATION
- LIGHTWEIGHT



Real-Time Awareness for the Tactical Edge

Lynx is a tactical AR monocular acting as a force multiplier. It provides real-time situational awareness by fusing GeoData and imagery. This lightweight system enables precision targeting and force synchronization, ensuring lethal, decisive operational success.

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OPERATIONAL BENEFITS

CAT I Targeting

Enables the generation of real-time, high-accuracy (CAT I-grade) target positions and range via freehand acquisition. The system also instantaneously displays targets acquired by other networked platforms, enabling swift and decisive action across joint operations.

Force Synchronization And IFF

Creates a clear, common operational language by displaying various AR entities across different battalion levels. This includes providing quick and clear Identification Friend-Foe (IFF) distinction to dramatically reduce the risk of fratricide (FF) incidents.

Sensor-Driven Integration

Lynx integrates multiple internal sensors to deliver precise orientation, targeting, and situational data. Seamlessly connecting to the ORION Mission Enhancement System, it shares real-time information across all units to create a unified operational picture, significantly enhancing overall mission effectiveness.

Lightweight

A true hand-held system designed to meet the specific needs of maneuvering forces, maximizing agility and minimizing fatigue. Its compact, chest-mounted configuration ensures optimal balance and accessibility during dynamic operations.

TECHNICAL SPECIFICATIONS

	Lynx TA (Tactical)	Lynx FS (Fire Support)
IR sensor / HFOV	640p,12µ/24°	640p,12µ/12°
CMOS sensor / HFOV	Color 8Mp/24°	Color 8Mp/12°
Laser Range Finder (LRF)	905nm/1,000m	1550nm/2,500m
OLED Display	OLED / 800×600	OLED / 1280×1024
Weight	600g/21oz	680g/24oz
Power (Both Models)	Int Bat / Ext 5-18V	

Powered by GeoFusion™

Asio's GeoFusion™ enables transformation between GeoData and real-time imagery, creating a common language that connects forces and platforms across the operational environment.

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