



LYNX

Tactical hand-held
multi-function situation
awareness system



LYNX is a micro size multi-function hand-held thermal imager (HHTI) designed for the individual soldier. The system has both day and night cameras integrated with powerful orientation sensors, complete situation awareness and targeting capabilities. LYNX has an Android / Linux Core based on a powerful Quadcore ARM CPU / GPU which makes it an ideal platform for dedicated app design, networking and system integration together with image processing and analytics. The system was designed to be fully versatile, enabling FOV and IR detector swap, addition of LRF / laser pointer.

MAIN ADVANTAGES & FEATURES



Hand held accurate
augmented reality
(AR)



Powerful computing
platform



Modular system
configuration



Complete C4i
connectivity



Wireless
communication



Inertial LOS
stabilization



Small, compact and
robust



Feather light



LYNX SA Tactical range uncooled HHTI for networked situation awareness and tactical AR

LYNX SA has an on-board IMU, Magnetic Compass and multi-platform GNSS receiver. LYNX SA uses its sensors to generate an accurate augmentation of its host (Orion or other C4i systems) tactical elements and to work as a networked situation awareness system.

LYNX FS Short range uncooled HHTI for networked observation and fire support

LYNX FS system has an on-board IMU, Magnetic Compass and multi-platform GNSS receiver coupled to a 4,000m LRF. The system uses its sensors to calculate positions of observed elements, generate an accurate augmentation of its host (Orion or other C4i systems) tactical elements and to work as a networked fire support system.

TECHNICAL SPECIFICATIONS

	LYNX SA	LYNX FS
Thermal Camera	LWIR 384X288, 17 μ	LWIR 640X480, 12 μ
IR FOV	Replaceable lenses 24°-8°	
Day camera	4K CMOS, X16 digital zoom	
Display	Color Micro Display SXGA 1280X1024	
CPU \ GPU	Quad Core ARM	
RAM	3GB	
Storage	32GB + MicroSD	
Sensors	6 DOF IMU, 3 axis Mag, GNSS, Optional laser pointer	
LRF	NONE	Class 1, 4000m, 1m Accuracy
Connectivity	10,100,1000 LAN, USB, Serial, Optional - WiFi, BT, LTE	
Weight	<700 g	<850g

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