



## LYNX®

### Your One-for-All, All-in-One Integrated Active Traffic and ADS-B Transponder Solution



The smart solution is the patented Lynx® family of MultiLink Surveillance Systems (MSS) from L3Harris. Bundled in a bright and crisp panel-mounted display, the Lynx provides a simple, affordable and highly-capable array of functions for displaying ADS-B and Active Traffic as well as weather information.

With Lynx, users receive an ADS-B Out compliant Mode S Transponder with an integrated touchscreen control interface while providing a split-screen for displaying traffic, weather, terrain maps, winds and temps aloft. Additionally, the Lynx provides dual-band ADS-B In capabilities for 1090 MHz and 978 MHz, enabling line-of-sight for all ADS-B equipped aircraft. Operators can quickly access the same information on a tablet application with the Lynx Wi-Fi module. Additionally, the system also supports flexible configuration which enables users to operate the active traffic features without the transponder functionality.



## KEY FEATURES

- > Lynx Active Traffic System features TAS or TCAS I
- > ADS-B traffic (ADS-B, ADS-R and TIS-B)
- > Dual-band 978 & 1090 MHz for ADS-B anywhere at any altitude
- > Provides flight ID, aircraft type and ground speed for other ADS-B traffic
- > Intuitive touchscreen works like a smartphone and displays terrain, TFRs, weather and airports
- > Aural Alert for both ADS-B and Active Traffic intruders
- > Subscription-free weather includes METARs, AIRMETS, SIGMETs, NEXRAD information, and Winds and Temps Aloft data overlaid on moving maps
- > Built-in ADS-B compliant WAAS/GPS
- > Supports existing GPS using ARINC 429
- > Optional Wi-Fi capability enables pilots to view Lynx on other connected displays
- > Night Vision option is compatible with 3rd party night vision solutions
- > ADS-B traffic and weather available on iPads® and Android® ForeFlight and Wingx Pro apps

**DISCOVER MORE:**

[www.L3Harris.com/LYNX](http://www.L3Harris.com/LYNX)

# FULLY FEATURED INTEGRATED SOLUTION

## PANEL OR REMOTE MOUNTED. FULLY FEATURED.

The Lynx NGT-9000R+ is selected by helicopter operators as the preferred surveillance solution because it replaces two Line-Replaceable Units (LRUs) with one integrated unit, which saves weight and space. The Lynx NGT-9000 offers pilots a quick and intuitive operation as a full-featured panel-mounted ADS-B solution.

The Lynx can also be installed as a remote device duplicating the TAS or TCAS I and ADS-B In information onto a compatible Primary Flight Display.

## ACTIVE TRAFFIC AND ADS-B IN DEDICATED TRAFFIC UNIT.

The Lynx is a multi-functioning system combining both TAS or TCAS I and ADS-B In data into a single, more precise traffic awareness system for helicopter operators. The system utilizes a dual-band ADS-B In receiver capable of receiving data from both 1090 and UAT 978.

## ELEVATING AWARENESS WITH TRAFFIC ALERTS AND TERRAIN AWARENESS.

Optional ADS-B Traffic Advisory System (ATAS) aural alerting announces the range, bearing and relative altitude of intruder aircraft through the cockpit audio system. In addition, the Active Traffic system actively interrogates transponder equipped aircraft when flying outside of ADS-B coverage and provides aural traffic alerting.

The TerrainVision application provides pilots a graphical display of the terrain by providing color-coded depictions of the surrounding topography and land-based obstacles. This economical solution is only available in the panel-mount version to provide terrain awareness without aural and graphical alerting.

## FLEXIBLE GPS INTERFACE.

In addition to the built-in GPS, the Lynx can also support inputs from an existing rule compliant GPS unit via ARINC 429, reducing the requirements for a second GPS antenna, saving installation costs.



## CERTIFICATIONS

- > Agusta-Bell: AB-102
- > Airbus (Eurocopter): AS350, AS355, BO-105, EC120, H135, H145, NH90
- > EC130, EC135, EX130, EX135, Gazelle, SA341, SA342
- > Bell: 47, 206, 407, 427, OH-13, OH-58
- > Enstrom: 280, 480, F-28, TH-28
- > MD Helicopter: 369, 500N, 600N
- > Robinson: R22, R44, R66
- > Sikorsky: 269 models

See AML STC for full list

Compatible with Avidyne®, Aspen and Garmin® Primary Displays, among others.

TAS is certified to TSO-C147. One TAS directional antenna is required per installation.

TCAS I is actively interrogating transponder equipped aircraft. Certified to TSO-C118a.

ATAS is certified to TSO-C195b.

### Lynx for Helicopters

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