L3Lynx.com
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L3 Aviation Products is a leading provider of avionics solutions and MRO services for general, commercial and military aircraft and helicopters. We manufacture and support a diverse line of safety- and efficiency-enhancing products that set the standard for next-generation cockpit requirements.

Visit us online at: L3AviationProducts.com

Experience the Lynx NGT-9000 touchscreen for yourself.

L3 offers a free interactive Lynx simulator that lets you experience the NGT-9000's functionality and ease-of-operation right on your personal electronic device. The free app is available at the Apple® and Android® app stores. Visit L-3Lynx.com to learn more.

Note: Remote mount models offering the same options are also available

Patented Lynx Tail gives you increased situational awareness.

To further enhance your situational awareness, the Lynx NGT-9000 features L3's patented Lynx Tail. When a participating ADS-B aircraft enters the NGT-9000’s flight envelope, Lynx Tail provides detailed information including flight ID, ground speed and aircraft classification with corresponding icon.

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LYNX
ADS-B TRANSPONDER & DISPLAY SYSTEMS

Lynx touchscreen display technology operates similarly to a Personal Electronic Device (PED). The screen’s touch and swipe sensitivity has been human engineered to work in the most demanding flight environments where turbulence or moisture may be a concern.

ATS
ADS-B Traffic Advisory System (ATAS) alerts pilots in the cockpit of aircraft in close proximity.

ATAS

Lynx NGT-9000

En route and Airport Weather, NOTAMs and TFRs

The Lynx NGT-9000 displays weather information to any aircraft in any environment. The WX-500 Lightning Detection System allows the pilot to quickly page through graphical weather screens and view large amounts of data without overloading a single page. A touch of the finger on the graphical weather map brings up corresponding textual data of the highlighted station or weather icon.

Stormscope

Stormscope Lightning Detection Display.

L3 NextGen Active Traffic Enablement in the NGT-900+

Only Lynx has the ability to combine ADS-B Traffic and Active Traffic (TAS) in the same format for pilots who need both. The Lynx NextGen Active Traffic System blends ADS-B with active traffic data, providing an uninterrupted display of aircraft equipped with Mode A, C and S transponders.

L3 NextGen Active Traffic Enablement

L3 NextGen Active Traffic Enablement is optional. It eliminates the need for a separate box and can be set up for almost any aircraft or any environment.

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The Lynx NGT-9000 (shown actual size of 6.25” w x 1.8” h) allows the pilot to quickly page through graphical weather screens and view large amounts of data without overloading a single page. A touch of the finger on the graphical weather map brings up corresponding textual data of the highlighted station or weather icon.

Winds Aloft

En route and Airport Weather, NOTAMs and TFRs

Alerting for CFIT Avoidance.

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**ATAS**

Optional ADS-B Traffic Advisory System (ATAS) - aural alerting announces the range, bearing and relative altitude of another aircraft through the cockpit audio system. Pilots will hear warnings such as “Traffic, Traffic, 030 Degree, 2 Miles.” The ATAS system adds this audio capability to ADS-B traffic. In any NGT-9000 model and standard installation of the alerting traffic appears on the ATAS 3000 display. Unlike other alerting systems, ATAS is designed specifically for aircraft flying at any altitude, including airport pattern traffic below 500’ AGL.

**Stormscope**

Lightning Detection Display. When paired with an L3 Stormscope WX-500 Lightning Detection System, the Lynx screen will display lightning information in real-time. The WX-500 receives lightning information from a network of advanced lightning detection systems around the world and provides pilots with lightning and associated weather threat data. Lynx eTAWS provides pilots with lightning and associated weather threat data on the same display, providing a complete picture of hazards surrounding your aircraft.

**eTAWS**

Alerting for CFIT Avoidance. The optional L3 eTAWS (Embedded Terrain Awareness Warning System) alerts pilots to potential terrain hazards to avoid collision with terrain. eTAWS provides aural alerting in the same flight and weather displays and many popular iPad and Android pilot apps. The eTAWS alerting system will alert when a Controlled Flight into Terrain (CFIT) situation is imminent. The alert will automatically switch to the eTAWS screen when a terrain caution or warning is issued and will alert through the audio output of the terrain situation. The Lynx eTAWS page also shows obstacles. Alerts for Negative Climb Rates and other Ground Proximity Warnings (GPW) are also indicated with the eTAWS enabled.

**L3 NextGen Active Traffic Enablement** in the NGT-900+: 

Showing you what others don’t.

L3 NextGen Active Traffic Enablement resides in the NGT-900+ and provides aural and visual traffic advisories and flight safety information.

**L3**

Wi-Fi ADS-B and traffic data like ForeFlight using the included hardware.

**Subscription-free Information**

Winds Aloft, En route and Airport Weather, NOTAMs and TFRs

The Lynx NGT-9000 displays subscription-free ADS-B weather data, such as METARs, AIREPs, SIGMETs and TFRs, overlaid on an intuitive graphical map. The visual indication of the alerted traffic appears on the NGT-9000 display. Unlike older alerting systems, the Lynx ATAS feature provides alerting for aircraft flying at any altitude, including airport pattern traffic below 500’ AGL.

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The Lynx NGT-9000 displays subscription-free ADS-B weather data, such as METARs, AIREPs, SIGMETs and TFRs, overlaid on an intuitive graphical map. The visual indication of the alerted traffic appears on the NGT-9000 display. Unlike older alerting systems, the Lynx ATAS feature provides alerting for aircraft flying at any altitude, including airport pattern traffic below 500’ AGL.
Lynx NGT-9000 series. One-for-all. All-in-one.

Designed as a form-fit replacement for your legacy transponder, the Lynx NGT-9000 is your ultimate panel-mounted ADS-B solution. In addition to being a new-generation 1090ES transponder, the NGT-9000 brings a host of additional capabilities into your aircraft including:

- **CU-1050 MHz Dual-band receiver provides traffic and weather for any aircraft operating at any altitude.**
- **Patented L3 Lynx Tail provides flight ID, aircraft type and the ground speed of other ADS-B traffic.**
- **Intuitive full-color, resistive touch touchscreen interface optimized for cockpit environments.**
- **Full-color moving maps including TFRs, airspace and NOTAMs.**
- **Full-color graphical and textual weather displays.**
- **Built-in interface and display for WX-500 Stormscope Lightning Detection System.**
- **Baltra WAAS/GPS requires no external GPS connections.**
- **ARINC 429, RS-232 and RS-422 output to easily interface with many panel displays.**
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**L3 NextGen Active Traffic Enablement in the NGT-9000+**

*Showing you what others don’t.*

Only Lynx has the ability to combine ADS-B Traffic and Active Traffic (TA) in the same compact panel-mount transponder. The Lynx NextGen Active Traffic system identifies ADS-B with active traffic data, providing an unobstructed display of aircraft equipped with Mode A, C and S transponders.

**Lytx Touchscreen technology connects with a Portable Electronic Device (PED).** The screen’s touch and swipe sensitivity has been human engineered to work in the most demanding flight environments where turbulence or moisture may be a concern.

**Optional ADS-B Traffic Advisory System (ATAS)**

The Lynx ADS-B transponder and display systems offer a simple, affordable and highly capable solution to the FAA’s 2020 mandate. The award-winning and patented Lynx ATAS option adds this audio capability to ADS-B traffic on any NGT-9000 model and visual indication of the alerted traffic appears on the NGT-9000 display. Unlike other alerting systems, the Lynx ATAS is designed specifically for aircraft flying at any altitude, including airport pattern traffic below 500’ AGL.

**Subscription-free Information**

The Lynx NGT-9000 displays subscription-free ADS-B weather data, such as METARs, ARINCS, SIGMETs and TFRs, in the graphical weather page. You can choose between strike and cell mode, depending on your preference. Minimizing the transponder screen allows pilots to view traffic and lightning on the same display, providing a complete picture of hazards surrounding your aircraft.

**ATAS**

The Lynx ADS-B Traffic Advisory System (ATAS) alerts pilots to traffic and weather hazards by providing audio alerts with a Portable Electronic Device (PED). The ATAS option adds this capability to ADS-B traffic on any NGT-9000 model and visual indication of the alerted traffic appears on the NGT-9000 display. Unlike other alerting systems, the Lynx ATAS is specifically designed for aircraft flying at any altitude, including airport pattern traffic below 500’ AGL.

**Stormscope Lightning Detection Display.**

When paired with an L3 Stormscope LH-500 Lightning Detection System, the Lynx screens will display real-time lightning data at ranges of 25-200 nmi. Even if you are not in the direct path of an active lightning discharge, the WX-500 lets you observe the lightning activity and associated weather threats like wind-shear, turbulence and hail. The WX-500 allows you to observe all phases of flight in planning proper routes and providing information about en route and destination airports.

**eTAWS**

Alerting for CFIT Avoidance.

The Lynx eTAWS (Experimental Terrain Awareness Warning System) adds terrain awareness to ADS-B traffic display for pilots operating in known or unknown terrain. The Lynx eTAWS includes a Terrain Awareness Warning System (eTAWS) that warns pilots of hazardous terrain well in advance of an impending hazard. The Lynx eTAWS page also shows obstacles. Alerts for Negative Climb Rates and other Ground Proximity Warnings (GPWS) are also included with the eTAWS enablement.

**Share the view.**

View ADS-B traffic and weather data on compatible flight displays and many popular iPad and Android apps.
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LYNX® NGT SERIES

Ads-B-Out
1090 MHz
Mode-S ES
ADS-B In
978 MHz UAT
1090 MHz
Internal WAAS/GPS

ADS-B Out: 1090 MHz
ADS-B In: 978 MHz
Weather (Preliminary)
Wi-Fi Capable

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MODEL COMPARISON

<table>
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<tr>
<th>Feature</th>
<th>NGT-9000</th>
<th>NGT-9000D</th>
<th>NGT-9000D+</th>
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**NGT-9000 Specifications**

- **Weight:** 2.86 lbs (1.35 kg)
- **Voltage range:** 14/28 VDC (24 W Max)
- **Mode S Transponder Power:** 125 W min/250 W max
- **Temperature:** -20° to +55°C (-4° to +131°F)
- **Operating altitude:** 55,000 ft (16,800 m)
- **Transponder type:** Mode A/C, S and ES
- **Warranty:** 3 Years from date of purchase

**TSOs**

- C112d: Mode S
- C113a: Airborne Multipurpose Electronic Display
- C145: GPS
- C147: Traffic Advisory System
- C151c: Terrain Awareness and Warning System
- C152c: UAT ADS-B
- C153a: Aircraft Flight Information Services-Broadcast (FIS-B)
- C154c: UAT ADS-B
- C156b: UAT ADS-B/ATAS Applications

**TRAFFIC TRANSPONDER / WEATHER**

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