There's a Lynx® NGT-series solution to fit any need.

## MODEL COMPARISON

<table>
<thead>
<tr>
<th>LYNX</th>
<th>NGT-9000</th>
<th>NGT-9000+</th>
<th>NGT-9000D</th>
<th>NGT-9000D+</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>ADS-B Out</strong></td>
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<tr>
<td>1090 MHz</td>
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<tr>
<td>Mode S ES</td>
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<tr>
<td><strong>ADS-B In</strong></td>
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<td>978 MHz UAT</td>
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<tr>
<td>1090 MHz</td>
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<tr>
<td>Internal WAAS/GPS</td>
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<tr>
<td>Wi-Fi Capable</td>
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<tr>
<td>Touchscreen Display</td>
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<tr>
<td>MFD Display Interface</td>
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<tr>
<td>Traffic: ADS-B, ADS-R, TIS-B</td>
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<tr>
<td>Weather (FIS-B)</td>
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<tr>
<td>eTAWS (optional)</td>
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<td>ATAS (optional)</td>
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<tr>
<td>L3 NextGen Active Traffic</td>
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<td>Antenna Diversity</td>
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</table>

Note: Remote mount models offering the same options are also available.
Lynx touchscreen display technology operates similar 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.

NGT-9000 Specifications

- Weight: 2.96 lbs (1.35 kg)
- Voltage range: 14/28 VDC (24 W Max)
- Mode S Transponder Power: 125W min/250W 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
- C118a: TCAS I (pending)
- C145c: GPS
- C147: Traffic Advisory System
- C151c: Terrain Awareness and Warning System
- C154c: UAT ADS-B
- C157a: Aircraft Fight Information Services-Broadcast (FIS-B)
- C166b: ADS-B, TIS-B 1090
- C195b: ADS-B Aircraft Surveillance Applications

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The NGT-9000 products are covered by one or more of the following patents: 9,285,472; 8,736,465. Other patents pending.
ADS-B compliance is just the beginning.
ADS-B compliance just got easy.

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 line of ADS-B transponders go well beyond the capabilities of a normal panel-mounted transponder, transforming cockpits and expanding pilot situational awareness.

The display of the Lynx system has been optimized by utilizing touchscreen technology. With the swipe of a finger the unit can display traffic, weather and terrain. It is a great leap forward in display technology—one that can be updated and configured for almost any aircraft in any environment.

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:

- 978 / 1090 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, touchscreen interface optimized for cockpit environments
- Full-color moving maps including TFRs, airports and NOTAMs
- Full-color graphical and textual weather displays
- Built-In interface and display for the WX-500 Stormscope® Lightning Detection System
- Built-in WAAS/GPS requires no external GPS connections
- ARINC 429, RS-232 and RS-422 output to easily interface with many panel displays
- Optional Class B embedded Terrain Awareness Warning System (eTAWS)
- Optional ADS-B Traffic Advisory System (ATAS) aural alerting capability announces position of intruder aircraft “Traffic, traffic, three o’clock high, two miles.” ATAS also surveys and warns in busy traffic patterns.
- Embedded NextGen Active Traffic option eliminates the need for a separate box
- Wi-Fi ADS-B traffic and weather to flight apps like ForeFlight using the included hardware
The Lynx NGT-9000 displays subscription-free ADS-B weather data, such as METARs, AIRMETs, SIGMETs and NEXRAD information, overlaid on a moving map. A second map page shows Winds and Temps Aloft data. This arrangement 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.

With the Lynx family of ADS-B products, you will receive up-to-the-minute broadcast information regarding Notice to Airmen (NOTAMs) and Temporary Flight Restrictions (TFRs) in graphical and textual form. On the weather map, touching an airport or weather icon (SIGMET/AIRMET) on the graphical side of the NGT-9000 map brings up its corresponding textual data. This data is useful in all phases of flight in planning proper routes and providing information about en route and destination airports.

**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 (TAS) in the same compact panel mounted unit. The L3 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.
ATAS

Optional ADS-B Traffic Advisory System (ATAS) aural alerting announces the range, bearing and relative altitude of intruder aircraft through the cockpit audio system. Pilots will hear warnings such as "Traffic, Traffic, 3 O’Clock High, 2 Miles." The 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 older alerting systems, the Lynx ATAS feature provides alerting 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 real-time lightning data at ranges of 25-200 nmi. Even with datalink weather, nothing provides the accuracy and timeliness of a Stormscope system for mapping lightning activity and associated weather threats like wind-shear, turbulence and hail. The WX-500 lets you choose between strike and cell mode, depending on your preference. Minimizing the transponder screen enables pilots to view traffic and lightning on the same display, providing a complete picture of hazards surrounding your aircraft.

TerrainVision™ or eTAWS

Elevating Awareness

TerrainVision helps pilots get an accurate lay of the land by providing color-coded depictions of the surrounding topography and land-based obstacles. It is an economical solution for fixed-wing and helicopter platforms where terrain reference is desired but aural and graphical alerting are not required.

The Lynx Class B embedded Terrain Awareness Warning System (eTAWS) option provides terrain alerting through both graphic and aural warnings. The color-coded terrain screen surveys out to 24 nmi and will alert when a Controlled Flight Into Terrain (CFIT) is imminent. Alerts for Negative Climb Rates and other Ground Proximity Warnings (GPWS) are also included with Lynx eTAWS.

Share the view.

View ADS-B traffic and weather data on compatible flight displays and many popular iPad and Android pilot apps.

ForeFlight Intelligent Apps for Pilots™
Aspen Avionics
Avidyne
FLYQ WX
FAVplan efb
IG0
SkyRadar