



## The widest standby display is also the thinnest

The GH-3900RSU™ is the widest standby display available and, at only 1.5 inches deep, is also the thinnest. L3 has developed a two-part system that separates the display from the sensor array, allowing technicians to install the system almost anywhere behind the aircraft's panel, including areas with limited space. A Remote Sensor Unit (RSU), housing rate/level sensors, air data transducers and optional accelerometers, delivers attitude, altitude, airspeed and navigation data to the high-resolution wide-screen DU-42 display. Heading data is also available using an ARINC 429 source or the L3 MAG-3000 magnetometer. The GH-3900RSU allows the installer to define data I/O interfaces and Static Source Error Correction (SSEC) and Velocity Maximum Operations (VMO) values, as well as customize display parameters.

The GH-3900RSU design builds on our extensive line of solid-state standby systems for fixed-wing Part 25, Part 23 (Class III & IV) and Part 27/29 rotorcraft.

### GH-3900RSU KEY FEATURES

- Two-box system featuring a 4.2-inch diagonal high-resolution display (DU-42) and a separate Remote Sensor Unit (RSU)
- 1.5-inch-deep display allows installation in aircraft with limited space behind the panel
- Configurable I/O interfaces and SSEC and VMO values, as well as display parameters
- Interfaces support ARINC 429, RS-422 Serial Bus, RS-232 Serial Bus, discrete and analog inputs
- Designed for Part 25 and Part 23 (Class III & IV) aircraft, as well as Part 27 and Part 29 rotorcraft



DU-42 Display Unit



GH-3900RSU

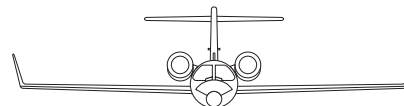
The GH-3900RSU ESIS features a display and a separate Remote Sensor Unit (RSU). The separate RSU is located remotely, allowing the 1.5-inch-deep display to be mounted virtually anywhere in the panel.

	DU-42 DISPLAY	GH-3900RSU REMOTE SENSOR UNIT
Dimensions*	1.50 in. (L) x 5.25 in. (W) x 3.00 in. (H) 38 mm (L) x 133 mm (W) x 76 mm (H)	8.32 in. (L) x 3.19 in. (W) x 3.35 in. (H) 211 mm (L) x 81 mm (W) x 85 mm (H)
Weight	1.5 lb. max (0.68 kg)	3.0 lb. max (1.36 kg)
Interfaces	<ul style="list-style-type: none"> <li>• ARINC 429 inputs (3) and output (1)</li> <li>• USB serial bus (1)</li> <li>• RS-232 serial bus (1)</li> <li>• I2C serial bus (1)</li> <li>• Analog input (1)</li> </ul>	<ul style="list-style-type: none"> <li>• ARINC 429 inputs (7) and output (3)</li> <li>• RS-422 serial bus (1)</li> <li>• RS-232 serial bus (1)</li> <li>• Discrete inputs (6) and outputs (2)</li> <li>• Analog inputs (2)</li> <li>• Pneumatic pressure ports</li> </ul>
Power	• +28 VDC nominal	• +28 VDC nominal
Certifications	TSO-C2d, C3e, C4c, C6e, C8e, C10b, C34e, C35d, C36e, C40c, C46a, C66c, C95a, C106, C113a	TSO-C2d, C3e, C4c, C6e, C8e, C10b, C46a, C95a, C106
Software/Firmware	DO-178B Level B/DO-254 Level B	DO-178B Level A/DO-254 Level A

\*Excludes knob and connector

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**L3 Aviation Products** is a leading provider of commercial and military avionics, as well as MRO services. We manufacture a diverse line of safety- and efficiency-enhancing products that sets the standard for next-generation cockpit requirements.

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