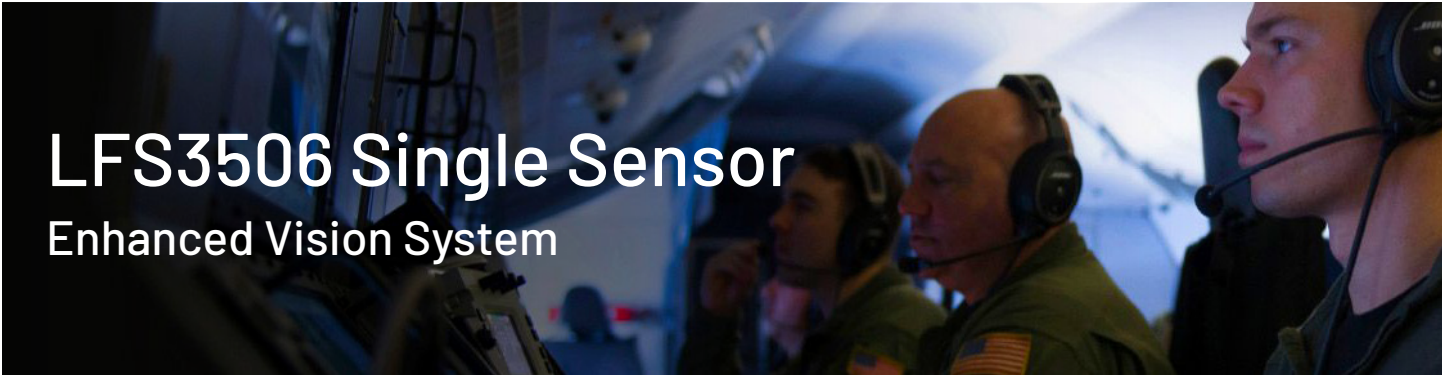


LFS3506 Single Sensor Enhanced Vision System



Advanced clarity and awareness for aircraft of all sizes

- Compact form factor with aerodynamic housing for optimal integration
- Single-sensor long-wave infrared video
- Dual video outputs
- White hot/black hot settings
- Electronic zoom

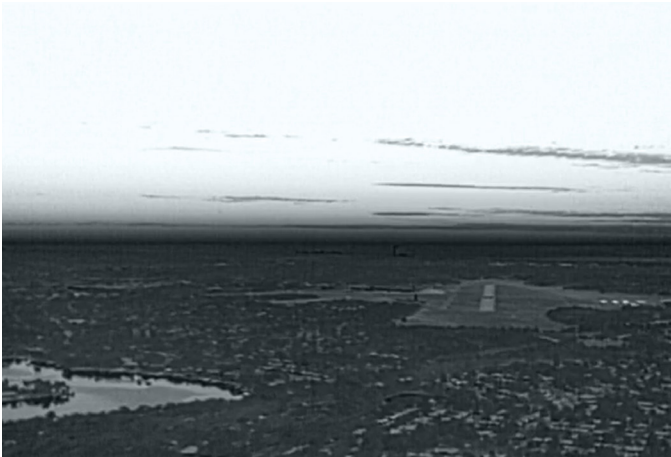


EVS, enhanced vision system, LWIR, dual sensor, infrared

The next generation in the growing line of enhanced vision systems, the LFS3506 sensor leverages the industry's most advanced infrared sensor technology integrated into compact, lightweight and aerodynamic housings. The single LRU system architecture enables simplified aircraft installation and certification while preserving the natural aesthetics of the aircraft. The long-wave infrared (LWIR) provides excellent situational awareness at an affordable cost.

- Most advanced infrared sensor technology
- Single-sensor long-wave infrared video
- Video outputs
- Compact aerodynamic design
- White hot/black hot settings
- Dual video outputs
- NTSC or PAL video signal
- Aerodynamic high-speed/low-drag design
- Single LRU compact form factor with simplified mounting
- 2x electronic zoom
- Optional lightning protection and adjustable sensor internal angle

CONTACT US



SPECIFICATIONS

Size	Depth - 7.98" Width - 2.94" Height - 2.12"
Weight	Approx. 1.2 lb (0.54 kg)
Resolution	640 x 512 high-res LWIR
Field of View	32° H x 26° V
Control Interface	RS-232 RS-422 RS-485 Ethernet ARINC 429
Power Input	12- 28 VDC 5 W typical 34 W max

Integration Options

Direct control from EFIS

Controlled by LRK9106

Displayed on any video-capable cockpit display device

In-house design capabilities for conformal wedges

Contact

mission@rcy.com
+1 850.470.8464 tel

Learn more

rcy.com/sensors



© 2022 Mercury Systems, Inc. The Mercury Systems logo and the following are trademarks or registered trademarks of Mercury Systems, Inc.: Mercury Systems, Innovation That Matters, and BuiltSECURE. Other marks used herein may be trademarks or registered trademarks of their respective holders. Mercury believes this information is accurate as of its publication date and is not responsible for any inadvertent errors. The information contained herein is subject to change without notice.
8175.00E-0422-ds-GulfBreeze-LFS_3506