

LFD3506

ENHANCED VISION SYSTEM



CLARITY PRODUCT LINE

FEATURES

- Industry Leading Performance
- Blended HD Long-Wave Infrared & Low-Light Visible Video
- Optional HD Color Video
- Multiple SD & HD Video Outputs
- Compact Aerodynamic Design
- Single LRU
- Simplified Mounting

DUAL LONG-WAVE IR SENSOR

The latest in the growing line of Lexavia Enhanced Vision Systems, the CLARITY sensors leverage the industry's most advanced infrared sensor technology integrated into compact, lightweight, aerodynamic housings. The single LRU system architecture enables simplified aircraft installation and certification while preserving the natural aesthetics of the aircraft. The LFD3506 Dual Sensor incorporates state-of-the-art image-blending algorithms to provide automatically blended, high-definition Long-Wave Infrared (LWIR) and low-light visible sensor imagery.

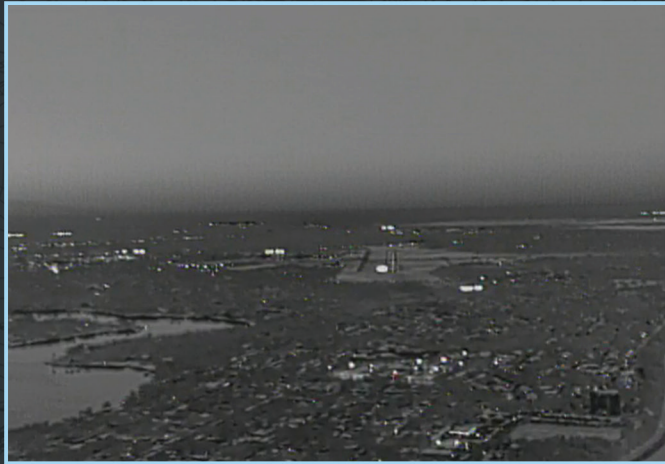


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ENHANCED VISION SYSTEM

CLARITY PRODUCT LINE



FEATURES

- Most Advanced Sensor Technology
- Automatically Blended 640 x 512 LWIR and 1280 x 1024 Low-Light Visible Sensor
- NTSC or PAL Video Signal
- Optional Full Color 1280 x 720 HD Video Output
- Aerodynamic High-Speed/Low-Drag Design
- Single LRU System
- 2X Electronic Zoom
- White Hot/Black Hot Settings

INTEGRATION OPTIONS

- Direct Control from EFIS
- Controlled by Lexavia LRK9106
- Displayed on Any Video-Capable Cockpit Display Device
- Sensor Orientation Configurable for Top or Bottom Mount
- In-House Design Capabilities for Conformal Wedges

SPECIFICATIONS

/// SIZE & WEIGHT

8.43" x 3.72" x 2.11"

Approx. 1.3 lbs (0.58 kg)

/// RESOLUTION

640 x 512 High-Res LWIR

1280 x 1024 Low-Light Visible

1280x720 HD Full-Color (Optional)

/// FIELD OF VIEW

32°H x 26°V

/// CONTROL INTERFACE

RS-232

RS-422

RS-485

Ethernet

ARINC 429

/// POWER INPUT

12-28VDC, 18W Typ., 50W Max

