Forward • Vision EVS-100

powered by: MAX • VIZ

Affordable Forward Looking Infrared: Camera Systems Designed for G.A. Aircraft

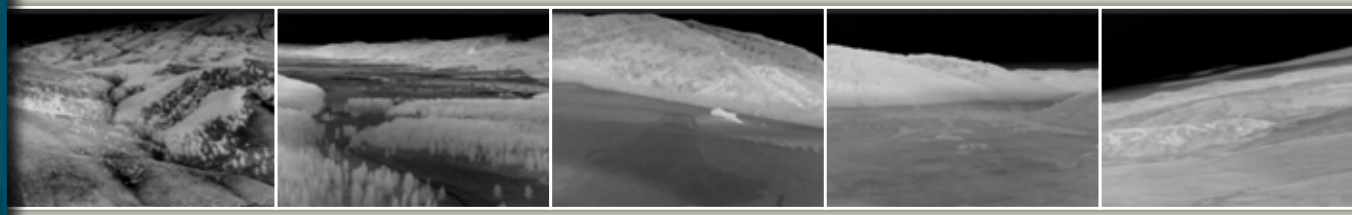
The EVS-100:

- Infrared-enhanced vision for no light / low light and restricted visibility
- Sunlight safe... Operates day and night
- See through darkness, smoke, smog, light fog, rain and snow!
- The only EVS in its price range to be RTCA DO160-E Certified
- MILSPEC construction and solid-state reliability
- Variety of display and camera mounting options available
- No maintenance or training costs
- Self contained system ready to mount

STC's available for over 160 models!

With EVS

Unaided Eye



EVS-100 Features:

Nitrogen charged sealed housing
Integral window heaters for operation in icing conditions
Sun-safe sensor protects the system from damage caused by direct sun
Advanced image processing to optimize the image during all phases of flight
Dynamic Range Management to prevent "blooming" from a strong heat source

EVS-100 Specifications:

Sensor:	LWIR (8-14 microns), 320 x 240 resolution
FOV:	40 degrees Horizontal X 30 degrees Vertical
Power:	12 or 28 VDC, < 0.5 A for Sensor, < 2 A for Heaters
Output:	RS-170 Video / NTSC
Mounting:	Similar to any other antenna mount.
Dimensions:	2.5" x 3.77" x 8.68"(HxWxL); Weight: 1.2lbs
Limitations:	Altitude: 25000' Airspeed: 250 kts (Indicated)

1276 Route 957, Russell, PA 16345 • 814-757-5476 • info@forward-vision.net

www.forward-vision.net

Forward • Vision EVS-600

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The EVS-600 has all the capability of the EVS-100 PLUS the ability to see the visible lights of the night - even LED.

EVS-100
Infrared Image Only

EVS-600
Shows Runway lighting

EVS-600 Features:

- Only EVS with Dual wavelength on the GA market (infrared + visible light)
- Nitrogen-charged sealed housing
- Integral window heaters for operation in icing conditions
- Sun-safe sensor protects the system from damage caused by direct sun
- Advanced image processing to optimize the image during all phases of flight
- Completely autonomous operation to reduce pilot workload

EVS-600 Specifications:

Sensor:	LWIR (8-14 microns) with 320 x 240 resolution CMOS Visible light sensor fused to LWIR image
FOV:	40 degrees Horizontal X 30 degrees Vertical
Power:	12 or 28 VDC, < 0.5 A for Sensor, < 2 A for Heaters
Package:	Self Contained Aerodynamic Pod, Sun Sensor Included
Output:	RS-170 Video/NTSC
Processing:	Pitch Corrected Automatic Gain Control
Dimensions:	2.5" x 3.77" x 8.68"(HxWxL); Weight: 1.2lbs
Mounting:	Similar to any other antenna mount
Limitations:	Altitude: 25000' Airspeed: 250 kts (Indicated)

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