

Acadia® ILS-6000

Electronic Image Stabilizer

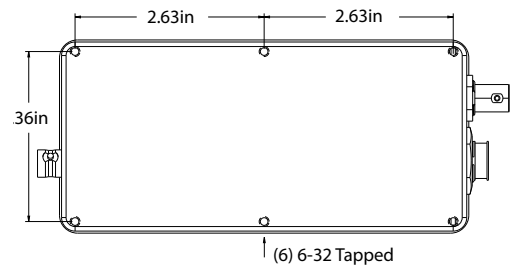
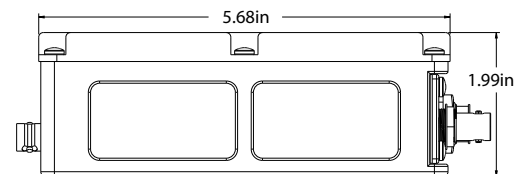
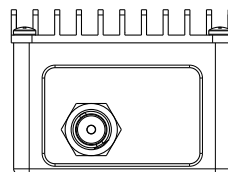
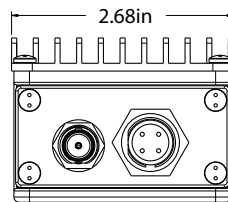


Eliminating the effects of unwanted camera motion is a fundamental step in the path to safety and security. The Acadia® In-Line Stabilizer (ILS-6000) is the newest member of the Acadia family of vision products, using the latest embedded processing technology and algorithms to deliver state-of-the-art, real-time video motion stabilization. By automatically processing adjacent video frames in real time, the ILS-6000 turns shaky, unclear video into crisp, clear actionable information.

High-Performance, Cost Effective Video Stabilization



Acadia ILS-6000



Features

- Stabilizes translation and rotation
- Correction for a wide range of frequencies
- Full-color video processing
- Passes input video on loss of power
- Weatherproof housing
- RoHS compliant
- Tamper resistant
- Low latency
- Very low power

Benefits

- Reduce operator stress
- Improved detection
- Reduce false alarms
- Better compression
- Improve high zoom video
- Low cost
- No special training or calibration
- Easy to install

Applications

- Mast mounted cameras
- Homeland security
- Intelligent traffic systems
- Surveillance
- Cameras on ground vehicles
- Cameras on manned or unmanned aerial vehicles
- Maritime applications
- Video post-processing



Technical Specifications

Dimensions and Mechanics	
Height	1.99in (4.82cm)
Width	2.68in (6.8cm)
Length	5.68in (14.43cm)
Weight	565g (1.25lb)
Finish	Black anodized aluminum
Performance	
Video Input	1 Input channel Auto-detect PAL or NTSC 75 Ohm BNC connector
Video Output	1 Output channel Output automatically adapted to input format 75 Ohm BNC connector
Power	External power supply 8-60VDC, 2.5W
Operating Conditions	Temperature: -22°-158°F (-30°C-70°C) Humidity: 20-95%, non-condensing
Stabilization Correction	Translation and rotation
Output Video Latency	2 Frames
Accessories	Operation manual Mating power connector
Optional Accessories	AC/DC power converter

SRI International

Silicon Valley-based SRI International, a nonprofit research and development organization, performs sponsored R&D for governments, businesses, and foundations. SRI brings its innovations to the marketplace through technology licensing, new products, and spin-off ventures. Commemorating its 65th anniversary in 2011, SRI is known for world-changing innovations in computing, health and pharmaceuticals, chemistry and materials, sensing, energy, education, national defense, and more. SRI Sarnoff is well known for its broadcasting, vision, and semiconductor innovations.

Headquarters

SRI International

333 Ravenswood Avenue
Menlo Park, CA 94025-3493
650.859.2000

Washington, D.C.

SRI International

1100 Wilson Blvd., Suite 2800
Arlington, VA 22209-3915
703.524.2053

Princeton, New Jersey

SRI International Sarnoff

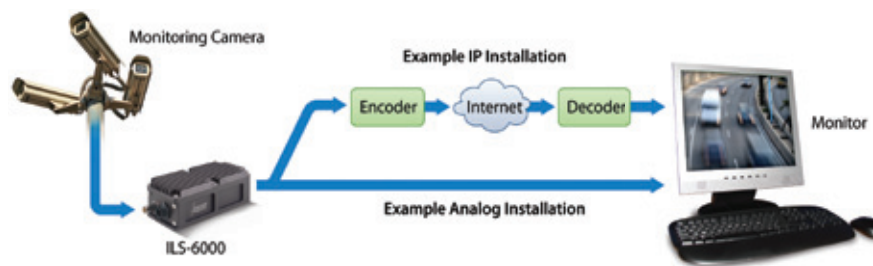
201 Washington Road
Princeton, NJ 08540-6449
609.734.2553

Additional U.S. and

international locations

www.sarnoff.com

System Diagram



Contact Us

info@sarnoff.com
609.734.2553
sarnoff.com/acadia2