



SPOT

Spatiotemporal object tracker

Features

- Proven capability as an integral part of the Navy's AN/SEQ-3 (XN-1) Laser Weapon System (LaWS), deployed on the U.S.S. Ponce
- Demonstrated on maritime, ground, and airborne targets
- Simple user interface with a minimal selection of tunable parameters
- On-line mode for real-time tracking and off-line mode for evaluation on pre-recorded sequences
- 1U-4U rack-mountable form factor standard; other configurations available

Equinox Corporation's Spatiotemporal Object Tracker performs real-time target tracking on streaming video. The SPOT's tracking algorithms are robust to changes in target appearance and pose, gradual illumination changes, temporary occlusions, and background clutter. The algorithms improve on classic approaches to tracking such as the correlation and centroid techniques and operate on a wide range of environments, targets, and sensors without the need for laborious parameter adjustments.

