

IOS UpRight™ AimFinder technology allows the operator to tilt and rotate any video device to any arbitrary position while maintaining a vertically oriented image on the viewing screen. It protects the user, speeds response, and improves targeting accuracy



- Fire with high accuracy from any “ready gun” position
- Simplify training, increase kill power and reduce casualties
- Real-time collaborative environment in combat and training
- *Reduces time to fire from 250-750 ms to 150-300 ms*
- *Doubles the precision of close combat firing*
- *Allows precise shooting from complete cover*

What the User Sees:

- Telescopic sight view
- Controlled zoom
- “Up remains up” when weapon rotates

DARPA and TSWG Funded
Multiple spin-off applications underway

User Benefits

- Rapid, intuitive, target acquisition from cover
- Precise firing, independent of weapon orientation
- Reconnoiter or inspection with weapon canted
- User-controlled magnification greatly improves shot accuracy

Applications:

- Gun mounted cameras, including thermal vision, night vision
- Pole Cameras
- Robot mounted cameras
- Deck mounted guns
- Security Dog mounted Cameras
- Search and Rescue cameras
- UUVs, UGVs, UAVs



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A TSWG Success Story Currently available from Instrument Technology, Inc.

Operator can move the camera as required for the tactical mission while quickly understanding what is being seen on the video display.

- Sensor and software can be retrofitted to any video camera, display system or existing pole cameras to upgrade equipment.
- Netbook computer provides additional capabilities, including digital zoom, picture-in-picture, video capture and storage, real time image processing and enhancement, and other..
- **Pre-production models are being evaluated by the Los Angeles Sheriffs' Special Enforcement Bureau and DHS' ICE Tunnel Task Force.**