



After the launch of our TI-GEAR Series of Thermal Imagers, we have received nothing but positive feedback from our clients. New users were excited to share their good experiences, and those familiar with GSCI were delighted to see that we did it again!

However, there is an important question that we heard from our dealers, distributors and professional users that we would like to address now: ***“What are the main differences between TI-GEAR and other similar systems on the market?”***

Here are just a few differences which are undeniably important and must be clarified.



- > *No Optical Distortions*
- > *No Eye Fatigue*
- > *Maximum Situational Awareness*

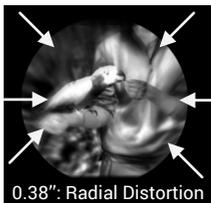
Typical 0.38-Inch Display



GSCI Full-Size 0.6-Inch Display



2.5x viewing area →



0.38": Radial Distortion



0.6": No Distortion

1. GSCI uses full sized 0.6-inch AMOLED displays to achieve the best image quality and minimal distortion. This display size represents the so called “golden standard” which is an ideal size/performance ratio that has been utilized within Night Vision devices for decades. 0.6 inches is equal to 15.24mm, while an Image Intensifier Tube has a working diameter of 17 mm. Other lower-end thermal imaging units use the smaller 0.38-inch display since it is roughly 4 times less expensive than the superior 0.6-inch display. The inherent disadvantage to the 0.38-inch display has area 2.5 smaller and therefore requires an eyepiece to have a higher magnification in order to view the whole display. A thermal unit that uses low-cost displays is more likely to use an equally low-cost eyepiece which inevitably results in radial image distortion. This causes eye fatigue and objects that are on the periphery of the observed image are washed out: the effective field-of-view, and therefore situational awareness, is significantly reduced.

2. GSCI uses Shutterless Cores which require no manual calibration. Such cores implement a set of sophisticated image processing algorithms to deliver noticeably faster start up time, continuous high quality video without degradation, uninterrupted operation leading to less distractions, as well as lower power consumption resulting in longer battery life. These cores are also 100% silent, much more reliable and shock-resistant since they do not have any moving parts inside. Such shutterless cores cost 30-50% more than cores with shutters that are commonly found in low-cost thermal devices.



- > *No User Distraction*
- > *No Delays*
- > *No Moving Parts*
- > *Always Crisp Image*
- > *High Shock Resistance*



- > *Hard-Anodized Aluminum*
- > *Immune to Corrosion*
- > *No Plastic Parts*

3. GSCI designs and manufactures housings out of rugged hard-anodized aircraft aluminum which is far more durable than the commonly used plastic/glass-nylon housings found in low-cost thermal units. Aluminum housings cost more to produce, of course, but they provide the user with the confidence that their device will not fail them even during intense use.



4. Our TI-GEAR-S standalone sights use quality eyepieces with an extended length eyerelief of 50mm at a minimum, and 70mm optimally. This allows the user to operate the scope safely, without the fear of a recoil force hitting them in the eyes or face. Together with a 0.6-inch display the TI-GEAR guarantees comfort during prolonged observation.



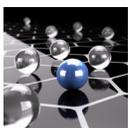
- > Up to 7 Hours **Real Battery Life**
- > No Glitches
- > Image-Optimization Techniques
- > Accepts Multiple Power Sources
- > No Special Battery Packs Required

5. The hardware and software of the TI-GEAR systems are designed to work seamlessly to ensure a superior user experience without any glitches. Proprietary image-optimization techniques deliver crisp and clear image at all times. Multiple power management algorithms ensure maximum battery life. In addition, the electronics offers the Universal Power Solution: the device can be powered by several different external sources readily available from many stores worldwide. Users are not forced to buy and use only proprietary, special battery packs.

6. The foundation of our success is the satisfaction of our clients. In order to provide the highest standard of electro-optical equipment, we implement our “30-40-30” approach to manufacturing: our experienced team of technicians dedicate 30% of a product’s lead time to meticulously check the quality of all components and parts, 40% to fully build the product, and the final 30% to rigorously test the product and ensure it meets our high quality control standards before it is sent out worldwide. Such approaches to quality control and factory testing eliminate possible product returns or complaints and ensure customers return only to buy more.



- > Quality Control at All Stages
- > ISO 9001:2015 Certified
- > Technical Support for Users
- > Thorough Factory Testing



- > Reliability and Performance
- > Hassle-Free 7-Year Warranty
- > Excellent Customer Service
- > Best Value for Money

7. Last but not least, if you compare our TI-GEAR to a thermal imager with equivalent specifications and factors listed above, you’ll find that our system is **half the cost** of anything else available on the market. Combining this fact with GSCI’s 7-Year warranty and excellent customer service, it should come as no surprise that users looking for the best and most reliable systems are logically drawn to our TI-GEAR series above the competition.