

## **TIG-7. THERMAL IMAGING GOGGLES-BINOCULARS**

**TIG-7** enables law enforcement personnel to see heat signatures of objects, people, and other sources. **TIG-7** detects extremely small differences in temperature, so that officers can distinguish people from their immediate surroundings. Needing no light to operate, the **TIG-7** generates high-quality images on the darkest nights, even through smoke and fog. Compare that to conventional night vision equipment, which requires light or special illuminators and is incapacitated by smoke, fog, and often other particulates. While darkness and camouflage can defeat night vision, suspects cannot hide from **TIG-7**. Their own body heat gives them away. The **TIG-7** thermal imager is a powerful tool for tactical, surveillance and scene assessment applications. Its small size, light weight and convenient bi-ocular eyepiece make the **TIG-7** simple and yet, very effective in operation. Law enforcement and public safety officers can use thermal imaging technology to conduct hidden compartment searches, perimeter surveillance, marine or ground surveillance, safer flights, structure profiling activities, fugitive and rescue searches, disturbed surface investigations, pollutant searches and vehicle pursuits. In fire and rescue applications, thermal imaging is used to conduct scene size up, in-fire attack, search and rescue, hazmat assessments and post-fire overhaul. **TIG-7** can be used as a hand held Thermal Imager or head/helmet mounted thermal imaging goggles. Conveniently powered by external battery pack, which is very useful in extremely cold environment.

**APPLICATIONS: Surveillance, Border security, Aerospace, Military, Maritime, Tactical Entry, Evidence Retrieval, Marine Patrol, Disturbed Surfaces, Search and Rescue, Hidden Compartments, Officer Safety, Fugitive Searches, Reconnaissance**

### **FEATURING**

Multi-Use System Design

High Performance FPA

Shutterless and Silent

Low Power Consumption

Light Weight

Small Size

Interchangeable Optics

Ultra-long Battery Life

24/7 Operation

Head Mountable

Helmet Mountable

Video Out

Hassle-free Export

7-Year Warranty

<b>TIG-7CG Thermal Imaging Goggles</b>		
<b>Model Name</b>	TIG-725CG	TIG-725CG-17
<b>Spectral Response (um)</b>	8-12	8-12
<b>F.P.A. Format</b>	384x288, 25um	640x480, 17um
<b>F.P.A. Material</b>	ASi Uncooled	ASi Uncooled
<b>FOV (degrees)</b>	23x17	23x17
<b>Thermal Sensitivity (mK)</b>	<50	<50
<b>Refresh Rate (Hz)</b>	60	30
<b>Lens Size and F-number</b>	25mm, F#1.0	25mm, F#:1.0
<b>Diopters Adjustment</b>	+2/-5	+2/-5
<b>Weight (w/o batteries) (g)</b>	520	530
<b>Dimensions (mm)</b>	155x145x70	160x145x70
<b>NUC</b>	Shutterless, Quiet XT <sub>i</sub> <sup>TM</sup>	Shutterless, Quiet XT <sub>i</sub> <sup>TM</sup>
<b>Start up time (seconds)</b>	~2-3	~4-6
<b>Powered By AA Lithium batt. (included)</b>	2pcs.	2pcs.
<b>Continuous Operation Time (@+20°C)</b>	Up to 7 hours	Up to 6 hours
<b>Polarity Control</b>	White Hot/ Black Hot	White Hot/ Black Hot
<b>OLED Micro Display Resolution</b>	800x600	800x600