



always a step ahead...since 1992

# TIG-7



## THERMAL IMAGING BINOCULARS-GOGGLES

*TIG-7 is reliable, easy to use, high performance Thermal Imaging Observation/ Detection Goggles-Binoculars. This product combines many years of GSCI experience, professional and thorough technical and market research.*

### TECHNICAL DATA:

MODEL	TIG-7	TIG-7DX
F.P.A. Material	Microbolometer, Uncooled	Microbolometer, Uncooled
Spectral Response	7-14 um	8-12 um
F.P.A. Format	160 x 120	384 x 288
Thermal Sensitivity	<70mK	50-80 mK
Refresh Rate	9-30 Hz	60 Hz
Display Type and Resolution	640 x 480 (SVGA color)	640 x 480 SVGA
"Cross Hair" reticle	Optional	Optional
Polarity Control	White Hot/Black Hot	White Hot/Black Hot
ZOOM Control	2X	2X, 4X
Gain/Level control	Automatic	Automatic/Manual
Display Brightness Control	Manual, prevents "night blindness"	Manual, prevents "night blindness"

### OPTICAL, MECHANICAL DATA

Lens	25 mm, F:1
FOV	11 x 8 deg.
Magnification	1X
Diopters Adjustments	+/-4
Detection of Human Figure	~500 m
Detection Range of Idling Car	~1000 m
Powered By	CR123 batteries, 4 pcs.
Continuous Operation time on one batteries set.	6 - 10 hours
External Power	Optional Battery Pack, 12 V DC, 110-250 V AC
Weight	450 Grams w/o batteries
Dimensions	150 x 145 x 70 mm
Head Gear	Optional
Helmet Mount	Optional
Video-Out Cable	Included
Video-Out-to-USB Adapter and Software	Optional



## GENERAL STARLIGHT COMPANY

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