

T7

Force Protection

Urban Reconnaissance

Close Quarters Use

Intelligence Gathering

Drug Enforcement

Border Patrol

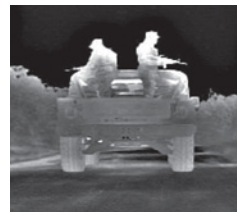
Deep Strike

Building Clearing



T7 Thermal Goggle / Binocular System

- Revolutionary, lightweight thermal capability
- Highly sensitive uncooled detector
- Digital Zoom & Optional Magnification Lenses
- Compatible with AN/PVS-7 Accessories



The T7 Goggle Binocular is a rugged, light-weight, and powerful InfraRed optic that can be hand held or mounted on a headgear. By using the 2x - 4x internal digital zoom and adding an optional a-focal germanium optical magnification lens, the T7 provides up to 18x long-range thermal surveillance and acquisition. The uncooled thermal detector and high resolution full color display provide crisp "white hot" or "black hot" images



regardless of ambient conditions. While night vision technology relies on amplification of ambient light or assisting illumination, thermal devices are completely passive, sensing extremely minute temperature differentials. Designed for military, law enforcement, and commercial use, the T7 is ideal for such functions as: reconnaissance and surveillance, perimeter control, search and rescue, vehicle identification, drug interdiction and border security.

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Sierra Pacific Innovations is proud to introduce the worlds first COTS thermal infrared imaging goggle-binoculars. The thermal goggles offer an advantage over night vision goggles. The T7 thermal goggles can operate in daytime and in low on NO light conditions.

Hybrid Focal Plane Array technology coupled with coated military Germanium optics, hardened & rugged housing & supreme accuracy make the T7 the premier Thermal Imaging Goggle available.

Specifications...

- **Sensor**
7-14 micron uncooled amorphous silicon microbolometer
- **Objective**
25mm Narrow - Field of View 17 degrees x 12 degrees
8.5mm Wide - Field of View 50 degree x 35 degree (optional)
- **Eyepiece**
+2 to -6 Diopter / 52mm to 72mm interpupillary
- **Size**
Length 16.5cm - Width 15.5cm - Height 10.25cm
- **Weight**
700grams with headstrap
- **Video Output**
NTSC Composite Video (RS-170 / SMPTE-170)
- **Electrical**
2 AA Standard Alkaline Batteries or 1 ea BA5567/U
12V DC External Power Option
(Optional iDi cell Belt Clip Battery Pack available)

INCLUDED

- Goggle Assembly
- Head Mount Assembly
- Soft Carry Case
- Operators Manual
- Lens Cleaning Pad
- Neck Lanyard
- Demist Shields
- Shoulder Strap
- Video Cable
- Warranty (1 yr)

Headstrap, Manual, Eyecups, Demist Shield, Lens Cover, Soft Carrying Case, Lens Tissue, Battery (2), Shoulder Strap. 12V DC External Power Cord, Extended Operational Usage and Helmet Mount

OPTIONAL

- 2x Lens Adapter
- 3x Lens Adapter
- MICH Helmet Mount
- Extended Warranty

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