



The Systems



Night Vision and Thermal display



Multi Spectrum Tactical Light Emitter



Tactical Helmet Light

The Thermal Acquisition System (TA-S) provides the soldier with ultimate performance in technology. Low power consumption, optimal sensor technology, and high performance optics all seamlessly integrated to provide state of the art Long Wave Infrared (LWIR) technology.

The TA-S unit provides the best solution for adding low light and no light performance to current field night vision systems. The unit's waterproof and rugged construction stand up to the harshest environments and features green night vision display and red thermal display for visual security.

This multi-purpose surveillance tool uses the latest miniature thermal sensor technology and a high resolution display to provide superior image in the smallest package available.



Thermal Acquisition Clip on

Sensor 320 x 240 Vox uncooled LWIR microbolometer
Range (Clear) Detection: 300m , Recognition: 260m
Range (Obscured) Detection: 250m , Recognition: 210m
Polarity White hot / Black hot
Magnification 1x, optical unity
Spectral Response 8-12µm , **Pitch** 25µm , **NEΔT** 50mK
Battery type 1 CR123 Lithium , **Battery Life** >3.0 hrs (23C) , 2.5 hrs (0C)
Dimension 140 x 38 x 76 mm
Weight 150 gr (incl. battery)

Tactical Night Vision Monocular

Image Intensifier 18mm 2nd/3rd Gen
Resolution 1.3 cy/mR (typical Gen III)
Objective Lens 27mm, f/ 1.2
Magnification 1x (unity)
Field of View 40° standard
Focus Range 25cm - ∞
Battery Type 1 CR123 Lithium or 1 AA
Battery Life >40 hours operations (Cr123) ,
 >20 hours operation (AA)
Diopter Range +4 to -6
Environmental -37°C to +54°C (operating) , -51°C to +71°C (storage)
 20m (submersible)
Dimension 107.5 x 68.5 x 49.5 mm
Weight 260 gr



Personnel Multi Spectrum Tactical Light Emitter

Battery Type 1 CR123 Lithium
 Tool-less battery replacement
Dimension 82 x 57 x 38 mm
Weight 82 gr
Housing Impact resistance polymer



Tactical Helmet Light

Power 55 Lumens
Lamp LED, 3 mm High, 3 mm Low
Burn Time 46 Hours
Battery Type 1 AA Alkaline or Lithium



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