TiSIGHT™ CO50: Thermal Imaging Clip-On Weapon Sight
Clip-On Thermal Weapon Sight

The Thermoteknix TiSIGHT-CO50 clip-on thermal weapon sight is optimised for use in front of existing day sight optics. The TiSIGHT-CO50 can also be used in direct view as a spotting scope with optional direct view lens attachment. The Thermoteknix very low power MicroCAM thermal core provides up to 14 hours operation on 4 AA Lithium batteries.

The TiSIGHT-CO50 has a machined high grade Aluminium housing which gives the weapon light weight and long term durability.

Suitable for use on a wide range of weapon systems the Thermoteknix TiSIGHT-CO50 attaches firmly in front of the existing day sight without the need to "zero" or calibrate the system.

Basic parameters

- **Clip-on**: For use in front of day sight optics
- **Resolution**: 384 x 288 25µm uncooled Amorphous Silicon detector
- **Shutter**: Shutterless silent XTI operation
- **FOV**: 9.1 x 6.9°
- **Frame rate**: 50Hz
- **Lens focal length**: 50mm f/1.0
- **Magnification**: x1
- **Compatibility**: Compatible with day scopes up to 10x magnification

Features

- **Display**: 800 x 600 OLED
- **Reticule**: Adjustable
- **Battery Life**: Up to 14 hours on 4xAA lithium batteries
- **Rail mount**: Direct mount onto standard picatinny rail

Environmental Parameters

- **Weight**: 978g
- **Dimensions**: 260 x 73 x 65mm
- **Mil Standard**: MIL-STD 810F

Optional Direct View Lens Accessory:

![Direct View Lens Accessory](image)

- **Man Detection**: 1300m
- **Vehicle Detection**: 3000m

TiSIGHT-CO50 Range Performance (Johnson Criteria):

![TiSIGHT-CO50 Range Performance](image)

Thermoteknix MicroCAM™ based products are not subject to US ITAR control but may require UK export licence depending on the end-user country and specification. MicroCAM thermal imaging modules are designed and manufactured in the UK.

TiSIGHT-CO50 is not for sale or use in USA | Specifications subject to change

UK Head Office:
Teknix House, 2 Pembroke Avenue
Waterbeach, Cambridge, CB25 9QR, UK
Tel: +44 (0)1223 204000 Fax: +44 (0)1223 204010
Web: www.thermoteknix.com Email: sales@thermoteknix.com