

# THERMÍS

## Family of thermal clip-on sights



THE ON SENSORS 'THERMÍS family of uncooled thermal weapon sights (TWS) was developed to provide soldiers with an unrivaled day/night advantage in detecting, observing and engaging hostile targets, independent of darkness and common obscurants used for visual concealment.

The THERMÍS family sights incorporate the latest IR sensor, electronics and optical technologies to deliver world leading performance and reliability. All variants generate superior IR imagery, ensuring target recognition at the maximum possible range. Tailored engine design is coupled with intuitive user interface to deliver maximum range performance.

The built in digital compass and inclinometer provide range estimation and target orientation.

\*It is recommended to pair with NDSx3

### VARIANT

- Spectral response
- Sensor size
- Pitch
- Objective focal length
- f/Number
- Resolution
- Filed of view-wide
- Field of view-narrow
- Magnification
- Pupil diameter
- Power supply
- Battery life
- Weight
- Operating temperature
- Storage temperature
- Recognition distance man/vehicle
- Detection distance man/vehicle

### MEDIUM RANGE

8-14  $\mu\text{m}$   
 640x480 px  
 17  $\mu\text{m}$   
 50 mm  
 f/1.2  
 1.4 cy/mrad  
 12.4°  
 (x2, x4 digital zoom)  
 x 1.0  
 30 mm  
 4x AA  
 > 10 hours  
 < 1 kg  
 -40°C to +55°C  
 -46°C to +71°C  
 250 m/1250 m  
 1800 m/4300 m

### LONG RANGE

8-14  $\mu\text{m}$   
 640x480 px  
 17  $\mu\text{m}$   
 75 mm  
 f/1.1  
 2.2 cy/mrad  
 8.3°  
 (x2, x4 digital zoom)  
 x 1.0  
 45 mm  
 4x AA  
 > 10 hours  
 < 1.1 kg  
 -40°C to +55°C  
 -46°C to +71°C  
 450 m/1750 m  
 2800 m/6500 m

### EXTRA LONG RANGE

8-14  $\mu\text{m}$   
 640x480 px  
 17  $\mu\text{m}$   
 100 mm  
 f/1.3  
 2.9 cy/mrad  
 6.2°  
 (x2, x4 digital zoom)  
 x 1.0  
 55 or 32 mm  
 4x AA  
 > 10 hours  
 < 1.4 kg or < 1.25 kg  
 -40°C to +55°C  
 -46°C to +71°C  
 600 m/2250 m  
 3700 m/8700 m

