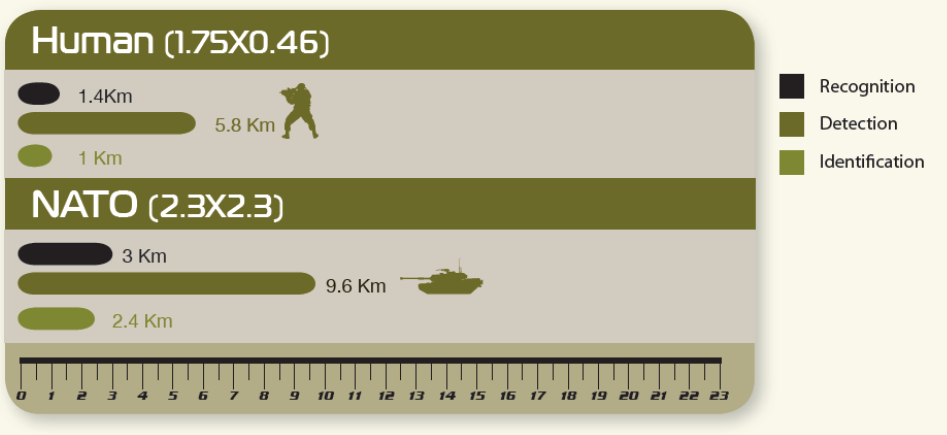


# Elios MR225 - Technical Specification & Performances



**Mid Range**, Continues Zoom un-cooled thermal imager & CCD zoom camera



*Distances may vary due to atmospherically conditions*

Thermal Imager	Day Camera (color/BW)	PAN / TILT unit	General
Sensor format : Micro bolometer un-cooled Resolution: 640X480 Spectral band: 7.5-14 μm Pixel size: 17 μm NETD: <50° mK Lens: Cont. Zoom FOV: 25-225 mm FOV W (25mm): 25°(H) X 18° (V) FOV N(225mm): 2.8°(H) X 2.1° (V) Focus control: Automatic Electronic zoom: 2X, 4X Black hot / white hot control	Sensor type: SONY FCB EX1010 ¼ " type Ex view HAD CCD Approx 440,000 Pixels (PAL) Lens: Zoom: 36X Optical / 12X Digital F=3.4 mm to 122.4 mm F1.6 to F4.5 Angle of view: 57.8° to 1.7° Focus control: Auto/ manual S/N ratio: better then 50 dB	Pan Tilt type: FLIR USA Zero Backlash, Slip Ring Azimuth range: >360° continuous Elevation range : -90° to +40° Minimum Pan speed : 0.05° sec Maximum Pan speed : 60° Second Preset accuracy: 0.0075° Maximum load: 12 Kg.	Power: 24VDC Environment: IP66 Operating temp: -10° / +50° Ext range -20° / +55° Interface: Pelco D Weight: 20 Kg Single / Dual video output Control: RS485 / TCP Video out: Composite / TCP