



KATRAN-4

Rugged and Capable Reconnaissance Device.

- ▶ Inversion mode;
- ▶ Brightness adjustment;
- ▶ 7 color palettes;
- ▶ Displaying target coordinates;
- ▶ Distance to target measurement;
- ▶ Target azimuth measurement.

KATRAN-4 is designed for surveillance and reconnaissance missions, search and rescue operations, border patrol, perimeter and sensitive site protection, evaluation of camouflage and concealment measures, detection of mines and hidden objects.

KATRAN-4 supports self-positioning and target positioning. It provides accurate calculation of target coordinates and distance with ability to save photos and video footage on SD-card. It is possible to switch between “White Hot” and “Hot Black” modes for reliable target detection at night time. Built-in rangefinder calculates distances from 10 to 3000m.

Main characteristics:

- Infrared detector:
 - Thermal imager: uncooled aSi microbolometer
 - Resolution, px: 640x480
 - Pixel size, μm : 17
 - Sensitivity, $^{\circ}\text{C}$: 0.05
 - Detection/recognition range, km:
 - human: 1300/600
 - vehicle: 3900/1300
 - Digital zoom: 1x/2x/4x
 - Weight with battery, kg: 1.6



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