

Commander's Day and Night Periscope TKN-3T



Modernized version of TKN-3 commander's sight in which ineffective image intensifier system has been replaced with a modern thermal camera. Thermal imaging system is based on uncooled bolometric detector and athermalized lens.

Device gives possibility of shooting during day, night, fog and smoke visibility, with increased view of range and full passivation.

General technical description

Day path:

- magnification 5x
- field of view (horizontal)..... 10°

Thermal imaging path:

- detectoruncooled bolometric array
- resolution 384x288 (optional 640x480)
- spectral response 8 μ m - 12 μ m
- sensitivity NEDT<100 mK
- field of view (horizontal)..... 12°
- magnification 5x (+ digital zoom 2x or 4x)
- power supply 24 VDC (+/- 30%)
- working temperature range.....-30°C to 55°C