

TC-150 Modular Thermal Imaging Sighting System

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TC-150 is a modular-type thermal imaging sighting system, intended for use on a large caliber automatic weapon, anti-aircraft installations or an anti-tank guided weapon.

The complex consists of an optical unit TC-150 and a control panel RMC-01. There are no controls on the optical unit. A key peculiarity of this sighting system is a modular construction with an optical remote-controlled unit TC-150 that has none built-in display devices.

MAN SIZED TARGET

(150 mm objective)

Detection – 3675 m

Recognition – 975 m

Identification – 495 m

VEHICLE SIZED TARGET

(150 mm objective)

Detection – 9000 m

Recognition – 2625 m

Identification – 1350 m

TECHNICAL CHARACTERISTICS

CAMERA TYPE	UNCOOLED
Detector	640 x 512; 336 x 256

Sensitivity	< 30 mK
Focal length	150 mm
Objective F number	F/1.0
Angular field of view (H x V)	4.2° x 3.3°
Recognition / Identification (human)	4200 / 1500 m
Recognition / Identification (vehicle)	10000 / 3500 m
Optical zoom (fixed)	4x
Digital zoom	2x, 3x, 4x
Focusing range	40 m ÷ ∞
Operating temperature range	-30°C ÷ 55°C
Setup time	3 sec
Dimensions (L x W x H)	396 x 183 x 222 mm
Weight	8 kg
Protection class	IP65

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