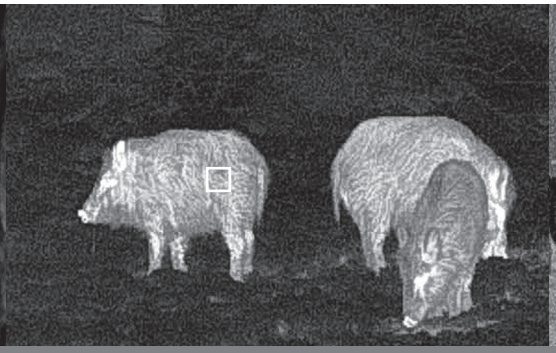
Dedal-T4.642 Pro LRF

Thermal Vision Riflescope with built-in rangefinder



UNDER ANY WEATHER CONDITIONS, ALSO IN FOG







Application

- Hunting
- Surveillance
- Photo / Video

Rangefinder characteristics

- Distance – up to 4000 m.
- Laser wave lengths – 1550 nm.
- Accuracy ± 1 m.
- Laser light divergence , max. 0.2 mrad (max 20x20 cm on 1000 m of a distance)

New Vision
Dedal-NV

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Features

- Modern high quality fast infrared sensor
- Automatic image control system
- Dynamic contrast system allowing for better target identification
- Automatic calibration system of the shutterless sensor
- Dead pixel removing
- Internal focusing system that perfectly keeps the point of aim
- Digital magnification 2x/4x/8x
- Built-in rangefinder
- Passive rangefinder
- Over 4 hours of continuous operation
- Ability to work with an external battery pack
- Video recording with an external device
- Fast start time (max 3 seconds)
- 5 types of aiming reticle
- Entry and storage of own ballistic adjustments
- Long eye relief
- Compatibility with various weapons
- Hermetically sealed
- Shockproof
- Compact
- Lightweight



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Characteristics	Dedal-T4.642 Pro LRF	
DETECTOR	Rate, Hz	25
	Resolution, pixel	640x480
	Detector step, μm	17
	Type	Uncooled microbolometer (FPA)
	Spectral sensitivity range , μm	from 8 to 14
	Temperature sensitivity (NETD), mK	<50
	Calibration way	Programmatic (shutterless)
OBJECTIVE	Focus distance	100 mm F/1.6
	Manual focusing range	from 20 m to ∞
	Optical magnifi cation	3.5 (±5)
	Reticle adj.step, cm /100m distance	1.42
	Field of view angle, °	6.2 x 4.7
OCULAR	Exit pupil removal, mm	50
	Diopter setting, D.	from - 3 to + 3
IMAGE TERMINAL MODULE	Matrix type	ALMOLED
	Resolution, pixel	800x600
RANGEFINDER	Laser wave lenghts, nm	1550
	Measued range, m	up to 4000 (±1)
	Laser light divergence , mrad	0.2
POWER SUPPLY	Power source type	CR123
	Power source quantity, pc.	2
	Voltage, V	6
PHYSICAL CHARACTERISTICS	Dimensions, mm	345x165x165
	Weight, kg	1.2
OPERATIONAL CHARACTERISTICS	Operating temperatures, °C	from - 40 to + 50
	Relative humidity, %	98
	Battery life, hours	4

Thermal vision sights are subject to Russian Export rules and regulations