

## VIKI Thermal Sight



Thermal sight **VIKI** is designed for observation of battlefield and aiming the weapon. Based on uncooled bolometric detector with sensitivity of NEDT < 100mK gives the possibility of shooting during day, night, fog and smoke visibility.

**VIKI** can be used with any basic rifle or any other equipment with MIL STD-1913 mounting. It is easy to use device with 2 switches only: for digital zoom and polarization of the image. Elevation and wind angle correction adjustments are made like in a classical optical sight - via finger-adjustable knurled dials. The body housing is made of magnesium alloy, which imparts strength, while maintaining moderate weight.

The **VIKI** thermal sight has external port for video output to a monitor or recording device.

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## General technical description

■ magnification .....	1,5x (digital zoom 2x or 4x)
■ field of view .....	15°x11°
■ detector.....	uncooled bolometric sensor
■ resolution .....	640 x 480
■ spectral response .....	8 μm - 12 μm
■ sensitivity .....	NEDT<100 mK
■ windage adj. range .....	± 8 mrad
■ elevation adj. range.....	0 - 10 mrad
■ display .....	SVGA 800x600 pix OLED
■ video output .....	analog PAL
■ power supply .....	4 AA batteries: NiMH, lithium, alkaline
■ operation temperature range .....	-30° C - +50° C
■ weight .....	780g (850g with lithium batteries)