



ENGEREK®-S27 THERMAL WEAPON SIGHT

General Features

ENGEREK-S27 Thermal Weapon Sight is designed to be used as a standalone. In addition, it can be used as a handheld device for surveillance purposes. User can watch and control Engerek S27 from the smart phone.



Range Performance

	Human Size 1.8m x 0.75m	NATO Target 2.3m X 2.3m
Detection (1 cycle)	1250m	2500m
Recognition (3 cycles)	400m	850m

Conditions: Atmospheric Transmission 0.85^{1/km}, Delta T 2°K

Environmental Conditions

Operating temperature range	-30°C +50°C
Storage temperature range	-45°C +65°C
Immersion	1 mt. water at 30 min
Recoil effect	up to 1000G (up to 7.62 calibre rifle)

Technical Specifications

Field of view	16.3°x13°
Focus	3m to infinity
Battery	2x18650
Detector type	Uncooled
Spectral Response	8-12µm
Array Format (No of Pixels)	512
NETd	<50mK (with F1.0 Lens)
Outline Contour	Yes
Optical magnification	1X/2X
Digital magnification	X2/X4
Inclinometer	Yes
Image capture	Yes
Video record	Yes (up to 2 hours)
Wireless head-up display unit	Optional
Remote control	Wired remote control unit (Optional)
	From smart phone From wireless head-up display unit (Optional)
Reticle selection	Yes
Wireless connection	RTP over WIFI with smart phone App (Optional)
Electronic reticle zeroing	Yes
Polarity	Hot white, hot black, additional color palettes
Weight (Without batteries)	<600 g
Size	135x77x80 mm