



ENGEREK® S38 THERMAL WEAPON SIGHT



ENGEREK® S38 THERMAL WEAPON SIGHT (STAND-ALONE)

General Features

ENGEREK-S38 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 S38 from the smart phone.



FOV: 11.5°x9°



600g



135mm x 77mm x 80mm



Image & Video Record



-30°C to + 50°C



2.4X Optical Magnification



Recognition Range

600m



Detection Range

1750m





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Technical Specifications		
Field of view	11.5°x9°	
Focus	3m to infinity	
Optic magnification	2.4X	
Electronic magnification	X2/X4	
Battery	2x18650	
Detector type	Uncooled	
Spectral Response	8-12µm	
Array Format <i>(No of Pixels)</i>	512	
NETd	<50mK <i>(with F1.0 Lens)</i>	
Outline Contour	Yes	
Range Performance <i>(Conditions: Atmospheric Transmission 0.85^{1/km}, Delta T 2°K)</i>	Human Size <i>(1.8m x 0.75m)</i>	NATO Target <i>(2.3m X 2.3m)</i>
Detection (1 cycle)	1750m	3300m
Recognition (3 cycles)	600m	1250m
Inclinometer	Yes	
Dioppter	-6D to +2D	
Eye relief	40mm	
Image capture	Yes	
Video record	Yes <i>(up to 2 hours)</i>	
Wireless head-up display unit	Optional	
Remote control	Wired remote control unit <i>(Optional)</i>	
	From smart phone	
	From wireless head-up display unit <i>(Optional)</i>	
Reticle selection	Yes	
Wireless connection	RTP over WIFI with smart phone App	
Electronic reticle zeroing	Yes	
Polarity	Hot white, hot black, additional color palettes	
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 <i>(up to 7.62 calibre rifle)</i>	
Weight <i>(Without batteries)</i>	<600 g	
Size	135x77x80 mm	