



ENGEREK®-CS27 CLIP-ON THERMAL WEAPON SIGHT

General Features

ENGEREK-CS27 Clip-on Thermal Weapon Sight is designed to be used as a standalone or as a clip-on in front of day scope. In addition, it can be used as a handheld device for surveillance purposes. User can watch and control Engerek CS27 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°C

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
Electronic reticle zeroing	Yes
Polarity	Hot white, hot black, additional color palettes
Weight (Without batteries)	<600 g
Size	135x77x80 mm