



# ENGEREK® C70 THERMAL WEAPON SIGHT



## ENGEREK® C70 THERMAL WEAPON SIGHT (CLIP-ON)

### General Features

ENGEREK-C70 sniper thermal weapon sight is designed to be used together with the daytime optical sight on sniper rifles. ENGEREK-C70 has the ability to detect people and vehicles continuously for 24 hours even in poor visibility conditions, and unlike night vision devices, it can easily detect targets in complete darkness and combat environment.

The ENGEREK-C70 has the latest uncooled thermal imager technology, lightweight, compact and has low power consumption. There is no reticle and sight zeroing device on the Thermal Scope, and the reticle and sight zeroing capabilities of the daytime optical scope are utilized.



FOV: 6.4° x 5°



1.2kg



20cm x 8.2cm x 12.5cm



Image & Video Record



-30°C to + 50°C



360 min



Min 5 Color Palette



8X Digital Magnification



Recognition Range

1500m



Detection Range

2500m



### Standard Accessories

Transportation Container  
Bellows/Eye Cup  
Mounting Bracket  
Protective Cover  
Remote Control  
Charging Device  
Vehicle Adapter  
Socket Adapter  
USB Cable  
Battery  
Booklet  
Cleaning Kit



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| Technical Specifications |   |   |
|--------------------------|---|---|
| Use                      |   | Clip-On   |
| Model                    |   | C70   |
| OPTIC SPECIFICATIONS     | View Angle  | 6.4° x 5°   |
|                          | Optic Zoom  | 1X  |
|                          | Digital and Optic Total Zoom  | 1.0 ~ 8.0X  |
|                          | Detection Distance<br><i>(0.75x1.8 m Human Silhouette Target 1.5 cycle)</i>   | 2500 m  |
|                          | Recognition Distance<br><i>(0.75x1.8 m Human Silhouette Target 3.8 cycle)</i> | 1500 m  |
| DETECTOR SPECIFICATIONS  | Technology  | Uncooled $\mu$ B  |
|                          | Resolution  | 640x512   |
|                          | Spectral Band   | LWIR (8-14 $\mu$ m)   |
|                          | Pixel Pitch   | 12 $\mu$ m  |
|                          | NETD  | 50mK  |
|                          | Image Rate  | Min 25 Hz   |
|                          | Color Palettes  | Min 5   |
| GENERAL SPECIFICATIONS   | Image Processing  | Digital Noise Reduction, Digital Detail Enhancement   |
|                          | Multimedia  | Image and Video Recording   |
|                          | Battery Count, Type   | 2 units of Lithium Polymer 18650  |
|                          | Battery Life <i>(Normal Use)</i>  | 360 dk  |
|                          | Outline Contour   | Yes   |
|                          | WIFI Connection   | Yes   |
|                          | Remote control  | Yes   |
|                          | Inclinometer  | Yes   |
|                          | Bullet counting   | 1024x768  |
|                          | OLED Type   | Color   |
|                          | Device Dimensions <i>(Length x Width x Height) (cm)</i>                       | 20 x 8.2 x 12.5   |
|                          | Total Weight of Device and Mounting Bracket<br><i>(Without Accessories)</i>   | 1,2 Kg  |
|                          | ENVIRONMENTAL CONDITIONS  | Immersion   |
| Temperature Shock        |   | Transferable to temperatures between -40 - +50°C after resting at ambient temperature for 5 minutes |
| Working Temperature      |   | -30°C ile + 50°C  |
| Storage Temperature      |   | -40°C ile + 70°C  |