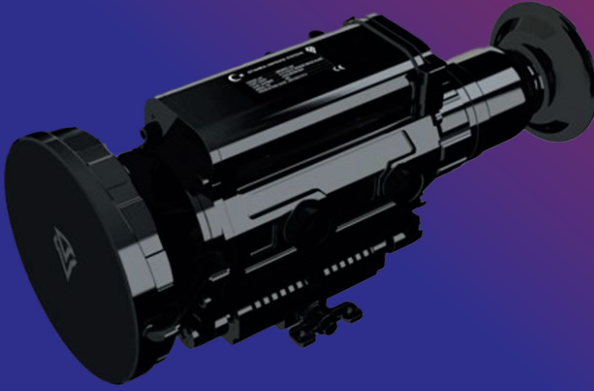


ERGÖRÜ 120 THERMAL WEAPON SIGHT



ISTANBUL
DEFENCE
SYSTEMS



ERGÖRÜ 120 THERMAL WEAPON SIGHT

The main features are:














For Sniper use
in Night Time



Low weight,
High magnification

CHARACTERISTICS

| | | |
|---|--|--|
|  Imaging components | Resolution | 640 × 512 |
| | Pixel size | 12 μm |
| | Spectral range | 8-14 μm |
| | Frame rate | 25Hz |
|  Objective lens components | NETD | ≤40mK |
| | Lens | 90mm |
| | FOV | 4.9°×3.9° |
| | Effective Focal Length (EFL) | 90mm |
| | Imaging distance | 30m~+∞ |
|  Display components | Focusing | Side focus knob |
| | OLED | 800×600 (0.5') |
| | Diopter adjustment | -5~+5 SD |
| | Eye relief | 43mm |
|  Physical Property | Digital zoom | 1-4× |
| | Optical zoom | 5.5× |
| | Battery type(not provide) | 18650 lithium battery x2 |
| | Battery life | ≤12h |
|  Device performance | Weight | ≤1100g |
| | Switch -on time | ≤10s |
| | Dimension | 220×95×106mm |
| | Protection grade | IP67 |
|  Application environment | Recognition distance | ≥1800m (1.7 × 0.5 human target) (1080m Minimum distance) ≥2100m(2.3 × 2.3vehicle target) (1260m Minimum distance) |
| | Observation accuracy | ≤0.5mil (Including repeated mounting) |
| | Reticle adjustment sign | ≥±15mil |
| | Reticle adjustment accuracy | 0.12mil |
|  Software Interface | Impact | 1000G |
| | Operating temperature | -40℃... 55℃ |
| | Storage temperature | -43℃... 70℃ |
| | Humidity | 95%±3% |
| | Altitude | ≤5000 |
|  Hardware Interface | Operational adaptability | All -weather |
| | Firing reliability | 12,500 rounds of live fire |
|  Hardware Interface | Data output Video output | |
|  Hardware Interface | External Power Supply /USB /PAL /RS232/WIFI Data/Video output via cable | |
|  Mechanical | Picatinny rail | |