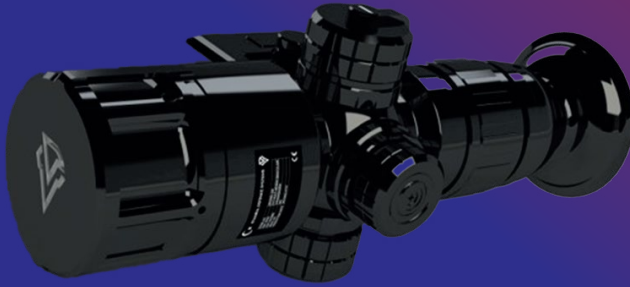


ERGÖRÜ 100 THERMAL WEAPON SIGHT



ISTANBUL
DEFENCE
SYSTEMS



ERGÖRÜ 100 THERMAL WEAPON SIGHT

The main features are:












For Common Use of
Military Personnel



Low weight,
Low cost

CHARACTERISTICS

 Thermal imaging Component	Resolution	640×512
	Pixel size	12 μm
	Spectral range	8-14 μm
	Frame rate	50Hz
	NETD	<30mK
 Objective lens Component	Lens	35mm/F1.0
	FOV	12.5×10.0
	Effective Focal Length (EFL)	35mm
	Imaging distance	1.5m~+∞
 Display Component	Focusing	Focus handwheel
	OLED	1024×768
	Diopter adjustment	-5~+5 SD
	Eye relief	50mm
	Digital zoom	1-4x
 Physical Property	Optical zoom	2x
	Battery type (not provide)	18650 lithium battery x 1
	Battery life	<6h
	Weight	<700g
	Switch-on time	<12S
 Device performance	Dimension	213×95×64mm
	Protection grade	IP66
	Recognition distance	800m(1.7 × 0.5human target) (480m Minimum distance)
		1100m(2.3x2.3vehicle target) (660m Minimum distance)
	Observation accuracy	0.5mil(Including repeated mounting)
	Reticle adjustment sign	≥±15mil
Reticle adjustment accuracy	0.2mil	
Impact	1000g/1Hz,0.3ms	
 Application environment	Operating temperature	-30...50 °C
	Storage temperature	-43...70 °C
	Humidity	95%±3%
	Altitude	≤5000m
	Operational adaptability	All-weather
	Firing reliability	New designed product, will be tested on the gun on April, probably 12,500 rounds of live fire to be confirmed after the test on April.
 Software Interface	Data output Video output	
 Hardware Interface	External Power Supply /USB /PAL /RS232/WIFI Data/Video output via cable	
 Mechanical Interface	Picatinyrail	