

AFI-505M UNCOOLED HANDHELD INFRARED OBSERVER

● Application

The instrument can work all day used for positioning, ranging, covert search, observation, surveillance reconnaissance information acquisition and processing to medium or far distance target at night or under complex weather conditions.



● Specifications (Characteristics)

Infrared: Recognition range	≥2.8km (to vehicle)
	≥1.8km (to personnel)
Visible light Recognition range	≥6.6km (to vehicle)
	≥4km (to personnel)
Laser range finder	Min: ≤50m
	Max: ≥6.8km
	Eye safety
BDS or GPS precision	≤5m (CEP)
	≤5m (PE)
Electronic Magnetic Compass	≤0.3°
Target Positioning Accuracy	≤8m(CEP)(while the observation distance is 2km)
FOV(Infrared)	6.2°×5.0° (±5 %)
FOV(Visible light)	3.1°×2.5° (±5 %)
Weight	≤1.5kg (with batteries)
Display	Binocular OLED, 1280×1024 (color)
Continuous working time	≥11h



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