



Target Location
39° 47' 17.901"N
116° 31' 55.928"E
Alt: 92.8

Multi-function Thermal Binocular & Target Locator

FTB675L

FTB675L is composed of low light CMOS sensor and IR sensor for day and night surveillance. With 75 mm IR lens, its observation distance in the night can be longer. CMOS with 1-10X zoom can identify the target easily after it is detected. With HD OLED display. It is a military standard thermal binocular with IP67 protection. It is built with the 1535nm laser rangefinder, compass and GPS, make it can locate the target in long distance.

It can be used in all the weather (including fog, smog, rain, snow). It can record (video and picture-taking) the target after it is identified. Therefore, it can be widely used for patrol, law enforcement, rescue, search of drug dealers and criminals, etc.



Main Features:

- Thermal (640 x 512 pixel) and Visible/Low Light Channel (1980 x 1080 pixel)
- 75 mm lens for higher ranges
- Built-In GPS and compass (for own position & target location plus bearing)
- Built-In Laser Range Finder
- Light weight



Technical Specification:

Thermal optics	Uncooled Microbolometer
Detector resolution:	640 x 512
Pixel pitch:	12 μ m
Spectral range:	8 – 12 μ m
NETD:	\leq 40 mK
Field of view:	9.7° x 7.3°
Focus length:	75 mm f/1.2 motorized (focus auto/manual)
Frame rate:	50 Hz
Detection range:	Human: min. 2000m / Vehicle: min. 4000m

Daylight & Low Light

optics	CMOS
Resolution:	1920 x 1080
Working Wavelength:	350 – 1000 nm
Optical zoom:	1 – 10x
Digital zoom:	12x (total magnification 120x)
Field of view:	57.5° x 43° (wide) / 6.4° x 4.8° (narrow)
Focus length:	35 mm

Laser range finder

Wavelength	1535 nm
Range / Accuracy	\geq 5000 m / \leq 2m

Others

Eyepieces:	
Display:	0.5" OLED 1280 x 1024
Laser rangefinder:	5000 m / accuracy <2 m
Location/Navigation:	GPS and digital compass User coordinates and target coordinates
Temperature:	-35°C to +50°C
Protection class:	IP 67
Operating time:	\geq 8 hours
Memory:	64 GB
Interfaces:	USB, BNC/PAL, RS-232, WiFi
Accessories:	2 sets of batteries, charger, transport case
Dimensions:	180 mm x 178 mm x 93 mm
Weight:	1.95 kg

