

Fusion thermal camera

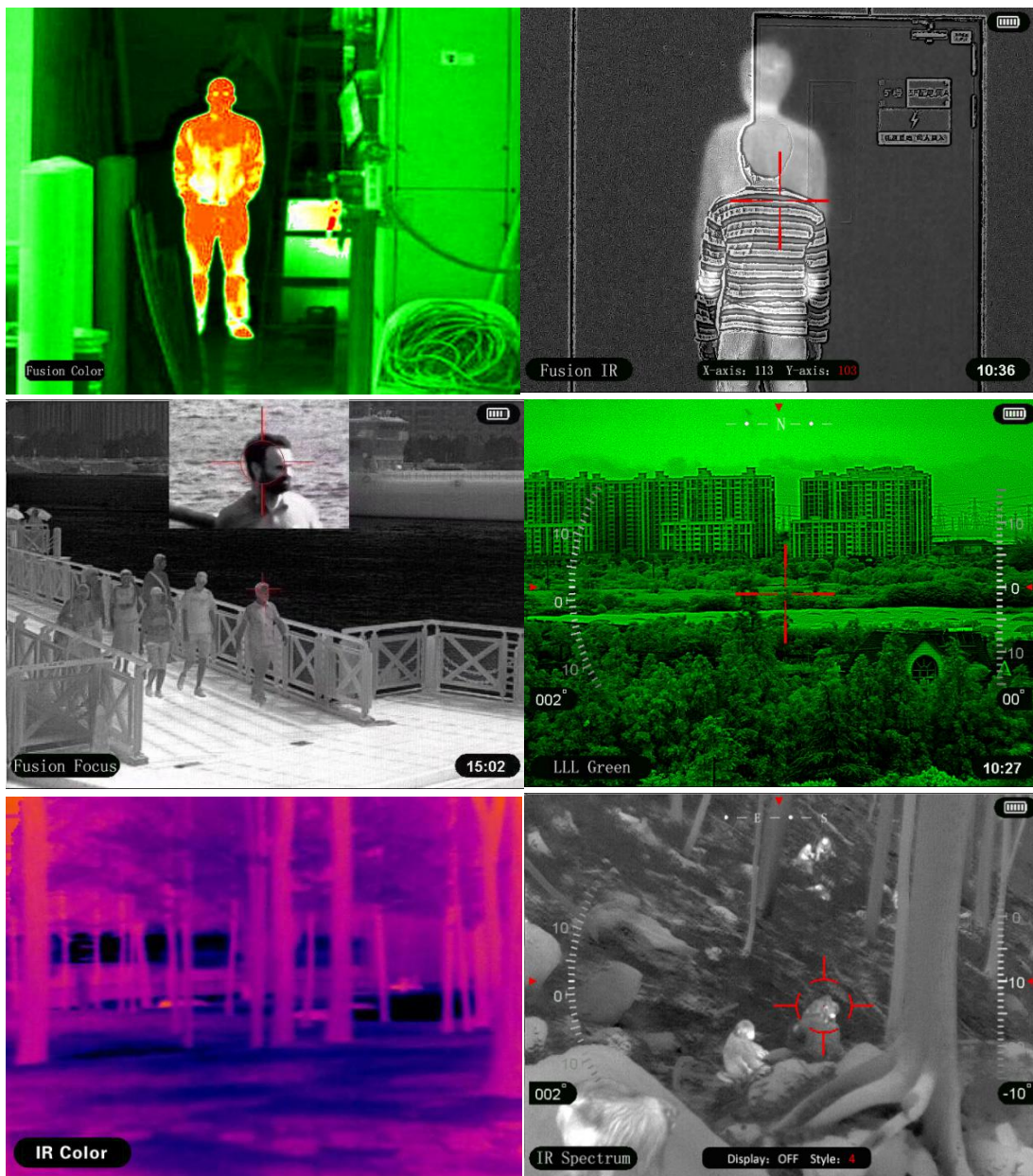


Feature:

1. Light weight and compact, hand-held, tripod mounted
2. No shutter in the thermal imager, can be used after it is turned on.
3. 5 mode: White hot / low light CMOS / fusion IR / Fusion Color / IR color
4. Showing the angle by pitch scale and roll scale
5. Video out; Display of time;
6. Built in 6 reticles (hidden or displayed);
7. Range finding in fusion mode;
8. Automatic and manual Adjustment of brightness, contrast,
9. 4 X optical magnification;
10. Picture in picture;
11. Built in compass;
12. Display in 3D mode;
13. Dead pixels compensation;
14. Energy saving mode;
15. Automatically identify and track the hot target in all the modes.
16. Distance (10^{-3} lux illumination): In 300 meters, thermal camera can identify the walking and squat of the people. In 600 meters, fusion thermal camera can detect the walking people.
17. CE, FCC, RoHS certified.
18. Optional WIFI for real time video on the smart phone

Application:

1. Searching the animals or human in the countryside in dark condition
2. Collecting the evidence by police in the low light city environment.
3. Night patrol by soldiers in the war or any other tasks
4. Environment monitoring : pollution or



Specification:

IR	Thermal channel	Vanadium oxide detector, 8 um ~ 14 um, 17um, 384×288 <60mK@F/1.0, 30Hz
	Field view	16° 0.6 × 12° 44.4°
	shutter	No shutter, calibration is not needed
Low light CMOS	Channel of image	0.4 um ~ 1.2um, 2048x2048, <0.0001lux, 30Hz
	Field view	9°×6° 30°
Physical features	Image mode	White hot / low light CMOS / fusion IR / Fusion Color / IR color
	Smart	Auto tracking of the target in thermal fusion
	Brightness/contrast	Automatic, manual
	Image intensification	Anti-fog
	Storage	Built in 16GSDcard, can store about 20000 pictures
	Download	USB
	Built in display	720X540, LCOS
	Port	Power, USB
	tripod	1/4 inch tripod
	Rechargeable lithium battery	USB adaptor, 5VDC, built-in battery capacity 5400mAh
	Continuous time	8 hours, can work with movable power
	Weight	503.5 g
Physical features	Dimension	175mm×88.7mm×48.2mm
	Working temperature	-20°C--50°C
	Storage	-40°C--60°C
	Lens of IR	25mm

Optional IR Illuminator:



Power: 5W ; Wavelength: 850nm

