

MTC Portable Thermal Camera



MTC6110RW thermal binocular is specially designed for mobile observation. With the latest the 5th generation uncooled infrared technology, unique imaging circuit components and AS optical design, it could search and observe object effectively in total darkness. It have advantage like low weight, low consumption.

MTC camera is equipped with a high-quality rubber soft cover as per human hands design, which suit both portable and fixed observation, for night collecting evidence, search targets. One integral aluminum alloy housing and sealed with nitrogen, IP66 protection to enable the camera works well in severe weather conditions.

Feature

- ◆ 5th generation uncooled thermal sensor, decrease the size, weight and cost.
- ◆ Aluminum alloy housing, weatherproof rate IP66, anti-rain, anti-dust.
- ◆ NETD up to 40mk, higher sensitivity, little effect by rain, fog, and snow, obtain more delicate picture.
- ◆ Unique AS optical design and high precision optical mechanical design, excellent image quality.
- ◆ Excellent non-uniform image correct technology, good image and dynamic range, without TEC thermostatic control.
- ◆ SDE image detail enhancement technology, no noise, B/W and B/W inverse color mode.

Application

City safety, oilfield safety, railway security, night gathering evidence.



Technical specification

Model	MTC6110RW
Detection	Vehicle 8,000m
	Human 3,500m
Recognition	Vehicle 4,000m
	Human 1,500m
Sensor	5 th generation UFPA, Vox
Resolution	640*512, 12μm
Wave length	8~14μm
Frequency	50 Hz
Digital zoom	4x
Color mode	Hot-white/Hot-black//Pseudo-color
Lens	100mm, F1.2
FOV	4.4°× 3.5°
Eyepiece display	1024×768 0.5' OLED , binocular display with eyeshade, high hidden
Image storage/video	32G memory photos in JPEG format, video MPEG4 format, USB export
ECO mode	Auto
Operation	Four buttons, two at each side
Battery parameter	Operation voltage DC: +2.8V~+5V;
	Power consumption<3 W
	1X Lithium battery,26650, 5000 mAh ;
	Continuous working time : > 6 hours
	Using life > 1,000 times , charge/ discharge cycles
Starting time	<8s
Interface	Video output
Weatherproof	IP66
Humidity	5%~95%(non-condensing)
Storage temperature	-45°C ~ + 60°C
Operation temp.	-30°C ~ + 50°C
Weight	< 2.1 kg (Included battery)
Dimension	246(L)*170(W)*95 (H) mm
Accessories	Video cable, lens cap, rubber covert, charger, lithium battery, suitcase

* The detection distance is related to the object and environment etc. Please contact with us for further information.

