

ThermalTronix

TT-1100B-UTCM

Thermal Camera Specifications



FEATURES

- 384x288 uncooled FPA micro bolometer detector.
- 50HZ real time image.
- Dual field of view, long detection range.
- Image auto focus function.
- Multiple user defined auto mode, meets observation requirement of different targets.
- Standard interface, easier for integration.
- IP67 encapsulation, meets military specification.
- Add different housing and PTZ as a system.

DESCRIPTION

Especially suitable to the day/night surveillance in border, maritime, wharf, etc.

SPECIFICATIONS

Item		<i>ThermalTronix TT-1100B-UTCM</i>	
Detector	Detector type	Uncooled FPA micro-bolometer	
	Array size/format	384×288	
	Pixel size	25um	
	NETD	≤60mK@f/1,300K	
	Frame rate	50Hz	
	Wave range	8-14um	
Lens	Field of view	WFOV: 16.7°×12.5° NFOV: 5.4°×4.1°	
	Focal length	33/100mm	
	Focus	Electric focusing	
Thermal operations	Brightness/gain	Manual brightness/gain; Automatic brightness/manual gain; Automatic brightness/gain	
	Automatic brightness/gain configuration adjustment	2 fixed patterns, 8 user-defined modes	
	Polarity reversal	Black hot/white hot	
	Electronic zoom	2x	
	Noise reduction	Yes	
	DDE	Yes	
	Calibration	Manual/Auto calibration	
Power supply	External power supply	10-15V DC	
	Power consumption	≤6W (In normal temperature 25°C normal work)	
Environment	Work temperature	-40°C ~ +60°C	
	Storage temperature	-45°C ~ +65°C	
Physical characteristics	Weight	≤3kg	
	Dimensions	226mm×121mm×121mm	
	Encapsulation	IP67	
Interface	Power interface	YES	
	Video output	PAL	
	Communication interface	RS485	
	Control protocol	PELCO-D / PELCO-P	
Range	Human (detection)	2100	3300
	Vehicle (detection)	3000	4500
	Human (recognition)	200	1100
	Vehicle (recognition)	1000	1500