



Specialty Cameras

High Performance Thermal Imaging Module

ZT-M

The high performance ZT-M is available as a single thermal module designed to be embedded in your own housing. This thermal unit can be used in all situations that a normal visible camera cannot resolve. They are ideal for high-end security applications including perimeter surveillance, search & rescue, port & marine security, border patrol, electrical inspection & energy conservation.

Features:

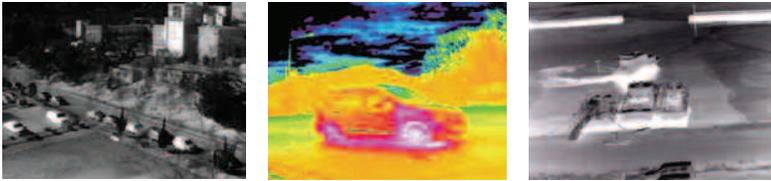
- High Resolution, High Sensitivity (40mK NETD)
- Extended Microbolometer Thermal Imaging Technology
- Built-in TEC (Thermo Electric Cooler)
- 5 Step AGC Function

Scan Me!



ZT-M

High Performance Thermal Module



Ideal for Parking Garage, Automotive and Marine Security Applications



ZT-M back view

■ Specifications

Model		ZT-M	
Camera/ Lens	Sensor	Type	Uncooled Microbolometer
		Cell Size	25µm
		Pixels	384 x 288
	Resolution	D1 Class with Original Scaling Technology	
	Measuring Wavelength	8 ~ 14µm	
	NETD (Noise Equivalent Temperature Difference)	40mK / F1.0	
	Video Output	NTSC / PAL (Switchable), Digital 8bit (BT.656)	
	Output Frequency	59.94Hz (30FPS)	
Lens Options	8.6mm, 13mm, 18.8mm, 20mm, 35mm		
Function	Calibration	Auto / Manual / Interval (up to 3,600 sec) Mode Selectable	
	Image Flip	Vertical (Flip), Horizontal (Mirror) ON/OFF	
	Inverse Mode	ON/OFF	
	AGC	ON/OFF One-push (5 step)	
	Output Mode	NTSC/PAL Mode Selectable	
	Image Mode	B/W and Three Color Mode	
	Digital Zoom	X4 (15 Steps)	
	Temperature Range Process	MIN/MAX Temperature Range Selectable	
	Range of Observation Display	-4° F ~248° F (Normal Mode) -4° F ~ 1202° F (High Temp Mode)	
Menu	OSD Menu Available		
Physical	Communication	RS-232 (9600 38400 bps/N/8/1), KEYPAD (5 Key)	
	Power Source	12VDC	
	Power Consumption	6.7W Max	
	Temperature	-5° F ~131° F (-15° C ~ 55° C)	
	TEC (Thermo Electric Cooler)	Built-in	
	Dimensions	2.1"W x 2.3"H x 2.4"D (no lens)	

All specifications are subject to change without notice.