



T2i-E/S/P Thermal Imaging Camera

Product Summarize

- Outstanding image quality
- Ergonomic lightweight and portable
- Laser pointer
- Ergonomically designed with the side open 360 degree rolling LCD
- Universal JPEG image storage
- Intelligent multi-function shortcut keys

■ Ergonomic figure designing

The unique figure structure with "D" is ergonomic balance and comfort. Hold the T2i in your hand, rolling the LCD in any angle, the operator always has a good position to target the object in any direction.

■ Precise temperature measurement and extraordinary image quality

The T2i indicates the accurate temperature measurement with the thermal sensitivity of 0.10°C. 2.8" high resolution colored LCD display excellent quality, extremely clear noise-free images.

■ Easy operation

The self-defined multi-function shortcut key helps the users operate the camera more flexible. And user-friendly joystick provides simple menu option and comfortable button on the camera offers the easy one-handed operation.

■ Flexible JPEG image storage

The camera offers built-in flash and optional SD card flexible to store high quantity of JPEG images. The storage capability is up to 10000 with 1G SD card.

DALI Thermal Imaging Camera

T2i-E/S/P Thermal Imaging Camera

ITEM		T2i-E	T2i-S	T2i-P
Detector characteristics	Detector type	Amorphous Silicon micro-bolometer		
	Array size/format	160×120		
	Pixel pitch	25µm	35µm	
Image characteristics	Field of view/min focus distance	12°×9°/0.3m	18°×13°/0.3m	
	Spatial resolution(IFOV)	1.3mrad	1.9mrad	
	Thermal sensitivity	0.12°C@30°C	0.1°C@30°C	
	Frame rate	50/60Hz		
	Focus	Manual		
	Electronic zoom	N/A		2X
	Spectral range	8-14µm		
Image display	LCD	High-resolution 2.8" color LCD		
Measurement	Temperature ranges	-20°C-+ 250°C	- 20°C-+250°C, extendable to+500°C	
	Accuracy	±2°C or ±2% (or reading) , whichever is greater		
	Measurement correction	Automatic/manual		
	Movable spots	1	1	4
	Movable areas	N/A	1	3
	Area Max/Min temperature	N/A	√	√
	Area average temperature	N/A	√	√
	Line profile	N/A	N/A	√
	Isotherms	N/A	√	√
	Temperature difference	N/A	N/A	√
	Alarm(voice, color)	N/A	√	√
	Color palette	3 palettes changeable	8 palettes changeable	11 palettes changeable
	Image adjustment	Auto/manual gain and brightness		
	Setup functions	Date/time, temperature unit, language		
	Emissivity correction	Variable from 0.1 to 1.0		
	Ambient temperature correction	Automatic corrections according to user input		
Image storage	Storage card	built-in flash memory , up to 100 images	Built-in flash memory , more than 1000 images	Built-in flash memory , 1G SD card more than 1000 images
	Storage mode	Manual single image saving	Automatic/manual single image saving	
	File format-thermal	JPEG, 14 bit thermal image with measurement data		
	Voice annotation	N/A	Input via built-in microphone up to 40 seconds of digital voice per image stored with image	
Laser pointer	Laser pointer	Class 2, 1mw/635nm(red)		
Power supply	Battery type	Li-Ion, rechargeable		
	Battery operating time	3 hours continuous operation		
	Charging system	Intelligent charger or power supply adaptor(optional) online charge		
	Power saving	YES		
	External power	10-15V DC		
	Operating temperature	-15°C- +50°C		
Environment	Humidity	≤90% (non-condensing)		
	Encapsulation	IP54		
	Weight	0.7Kg		
Physical characteristics	Dimensions	197mm×178mm×73m		
	External DC input	N/A	YES	
Interface	Audio output	N/A	YES	
	Video output	PAL/NTSC		
	USB	Image (thermal and visual) and measurement data transfer to PC		Image (thermal and visual), measurement data and voice transfer to PC