Parameter

Items		T1
Detector	TypeR	Uncooled FPA
	esolution	160x120
	Spectral range	8-14um
	Frame rate	60 Hz
	NETD	0.06℃@30℃
Lens	FOV	28°x37°
	Focal range	0.2m~∞
	Focal method	Focus-free
Image	Spatial resolution	4.4mrad
	Visual camera	Yes
Display	LCD	3.2" TFT LCD, 240x320
	Color palette	4 Color palettes for option (iron, rainbow, black heat, white heat)
	Display mode	Thermal/visual quick switching
	Adjustment	Auto
Measurement	Range	-20℃~+250℃
	Accuracy	±2℃ or ±2% (of reading, which is greater)
	Adjustment	Auto
	Measure mode	Settled central spot, full screen Max./Min temp, overheated alarm (voice, light)
	Emissivity adjustment	Variable from 0.01 to 1.0 (increment: 0.01)
	Settings	Data/time/format, ℃/℉/K, language
Storage	Memory card	built-in
	Storage method	Manual, single frame thermal image
	Photo format	BMP/DLV with original digital data
Power supply	Battery	Special-packing rechargeable Li-on battery, replaceable
	Operation time	>3 hours continuous operation
	Charging	USB port
	Power-saving mode	Auto sleep, auto shut down
Interface	Power	USB Type-C
	Data transport	USB Type-C
	Video	Yes
	Tripod	Optional
Environment	Working temp.	-15℃~+50℃
	Storage temp.	-25℃~+60℃
	Humidity	≤90% Non-condensing
	Protection grade	Ip54
	Shock resistance	30g, GB/T2423.5 (IEC60068-2-27)
	Vibration resistance	2g, GB/T2423.10 (IEC60068-2-6)
	Drop resistance	1.5m, GB/T2423.8 (IEC60068-2-32)
Safety	EMC	Qualify CE
	Hazard substance control	Qualify RoHS/PAHs
Dimension & Weight	Dimension	240*88*135mm (H*W*D)
	Weight(with batteries)	510g(w/ battery)

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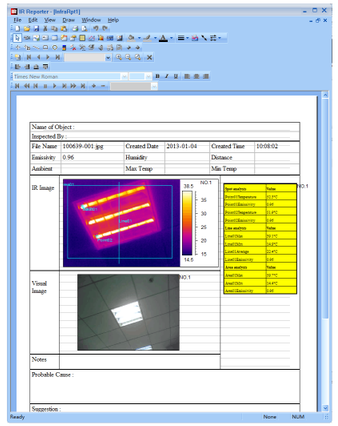
Actual range may vary depending on target size and radiation degree, lens specification and environmental conditions. Above approximate distances are for reference only.

Thermal imaging technical advantages

- Imaging with thermal, open a new angle of view;
- Area scanning, fast and exactly discover all the temperature information on this area;
- 160x120pixels thermal imaging camera equal to 19200 infrared thermometer working together;
- Non-touch temperature measurement makes the operator much safer;
- Inspect the electrical powered target safely;
- Imaging data analysis with computer;
- Saving time, increase efficiency

Thermal imaging camera

Infrared thermometer



Data Analysis

Features

Detector
160×120 resolution with thermal sensitivity reach to 0.06°C

CCD Camera
Infrared and visible light camera, swift shift

Smart warning
The screen displays extremely high /low temperature, with sound and light warning.

Small and lightweight
510g (including battery), 1.5m drop-resistant

TYPE-C interface
TYPE-C interface for data transmission and fast charging, and high-speed transmission; built-in 16G memory card and mass storage

3.2"ndisplayer
Equipped with 3.2” LCD screen

Temperature range
-20℃~ +250℃,±2℃ or ±2%
(of reading, which is greater)

Analysis Software-Free of Charge

QuieTek
a DEKRA company

CERTIFICATE

Issued Date: Jan. 22, 2016
Report No. : 1612039E-ISM-CE-P01V01

This is to certify that the following designated product

Product : Thermal Imaging Camera
Trade name : N/A
Model Number : T1
Company Name : ZHEJIANG DALI TECHNOLOGY CO.,LTD

This product, which has been issued the test report listed as above in QuieTek Laboratory, is based on a single evaluation of one sample and confirmed to comply with the requirements of the following EMC standard.

EN 61326-1:2013

EN 61326-2-2:2013
IEC 61000-4-2: 2008
IEC 61000-4-3: 2010
IEC 61000-4-4: 2012
IEC 61000-4-5: 2014
IEC 61000-4-6: 2013
IEC 61000-4-8: 2009
IEC 61000-4-11: 2004

TEST LABORATORY

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CE

About products

www.dali-tech.com

- **Analysis Software-Free of Charge**

  Imaging can fast be download and lead to infrared analysis software by Dali T1 thermal imaging camera, can finish all reports of imaging and data information in software with WORD format.

- **Uncooled FPA microbolometer detector by self-innovation**
- **With completely independent intellectual property rights**