T-Protektor

T1000r Handheld Temperature Screening Device

The **T1000r** is a rapid temperature-detection tool, optimized for human-body-temperature readings at a safe distance. This economical camera meets the needs of primary temperature screening with high accuracy (+/- 0.5℃ / 0.9°F). The handheld system is easily portable, and is suitable for screening at entrances to public areas such as factories, schools, retailers, and office buildings, aiding in the protection of public health.

![T-Protektor logo]

Accuracy ±0.5℃

![T1000r thermal camera device with display showing thermal image reading 38.1℃, dated 2020/03/01, 01:02]

o Nearly instantaneous readings

o Automatic fever identification and alarm

o Detects from 1m away from target, plus arm length allows 2m safe distance (no need to touch others)

o Camera-based system allows user to determine exact location of temperature reading

o Saves up to 100,000 images (including temperature reading) on removable TF card for record-keeping purposes

o Internal rechargeable battery with 8-hour runtime

o Handheld, compact and easily portable, tripod-mountable

T1000r		
Category	**Item**	**Specification**
IR Detector	IR resolution	120x90 with 17um pixels
	Frame Rate	25HZ
	FOV	50°x38°
	Focus	Focus-free (fixed focus)
Image Display	Display	2.4 inch 240x320 LCD
Temperature Measurement	Filter Range	68°F - 122°F
	Accuracy	≤±0.5℃/ 0.9°F * (Ambient temperature 25 ℃, target distance 1m, target temperature 32 ℃ ~ 42 ℃)
	Alarm	Alarm with onscreen color prompt at 99.1°F
Image Storage	Storage Media	Removable TF storage card (included) for 120x90 JPG storage including temperature data
Power System	Battery Type	Internal, rechargeable Li-Ion battery with over 8 hours runtime (2.5 hour charging time)
Enviromental Parameter	Operating Temperature	14°F to 122°F
	Storage Temperature	-40°F to 158°F
	Encapsulation	Environmental IPX4, 2-meter drop test
Others	Certification	FCC / CE / ROHS
	Weight	350g / 12.35oz
	Dimension	7.6in x 2.4in x 3.0in
	Kit includes	wristband, manual, charging adapter, USB cable, 16Gb TF Card

*Note: The temperature measurement accuracy is a typical value under the specified mode and application conditions.