

1. Technical specifications

Product name	Temperature Measurement Station
Model	TMS-01
Type	Telethermographic for body temperature measurement
Temperature measurement range	30 - 42 Celsius
Accuracy	+/- 0.3 Celsius*
Processing time	0.5 second
Alarm	Alarm threshold: 37.5 Celsius Alarm method: Sound
Operating Distance	30 cm - 100 cm
Processing module	ARM Cortex-A57 Processor
Display port (support dual display)	HDMI
Storage (micro SD)	32 GB
Camera module	8MP SONY IMX219 image sensor Video frame rate 30 Hz
Thermal image sensor	FLIR Lepton 2.5 IR image resolution: 80 x 60 FOV - horizontal: 57 Degree Frame rate: 8.7 Hz
Monitor	LCD Monitor Display with HDMI
Storage Temperature	Between -25 Celsius and 80 Celsius
Operating Temperature	Between 20 Celsius and 50 Celsius
Operating Relative Humidity	30% - 70%

Produced	2020
Design by	Brain Dynamic Technology Co., Ltd. 88/76 Soi 2 China Center Village Kullapapruk Rd. Bangkae, Bangkae, Bangkok, 10160, Thailand

* Accuracy ± 0.3 (at distance 30 cm, 30 - 42 Celsius)