The Body Temperature Mini Scanner

The Body Temperature Mini Scanner is an exquisite version of the Turing Body Temperature Scanner Series. Geared to applications where throughput and accuracy are critical, the BTS mini version combines artificial intelligence with rapid acquisition thermal imaging to yield a reliable temperature reading from a systematic assessment of a person's face. With a 5-inch screen, it is suitable for adjunct use in many public areas such as schools, companies and transportation.

Fully touchless, the scanner combines data from two natural light cameras and a dedicated thermal imager to determine the body temperature of a passing individual within **0.1 seconds** to an accuracy of **±0.3℃ (±0.5°F)**. It is designed for use in either indoor or outdoor environments. It has been tested to operate across wide ranges in temperature and humidity as well as in extremely low light conditions with no measurable degradation in accuracy.

Turing's Body Temperature Scanner can be configured as a standalone solution or connected device that can be accessed and controlled remotely. The BTS is equipped to send alerts in multiple forms. It is WiFi enabled and currently supports all major communications protocols.

Key Features

- Sub-degree accuracy
- Non-contact functionality
- Temperature acquisition in under a second
- Suitable for adjunct use in public areas

General Specifications

cameras	dual Sony 6mm lens	power supply	12V DC 2A
lens aperture	1/2.8	operating power	8W
minimum lighting	0.01Lux@(F1.2,AGC ON)	range of detection	50-104°F (10-40℃)
display	5-inch HD LCD screen	operating distance	18" (0.5m)
image enhancing	adaptive light compensation, DNR	detection time	<100 ms
video encoding	H.264	accuracy	±0.3℃ (±0.5°F)
data rate	1024Kbps ~ 4Mbps	alert modes	voice alert, text message
resolution	1280x720	certifications	CE, FCC, IC
frame rate	25 fps	SDK support	Linux, Windows
video settings	exposure, gain, contrast, saturation	supported protocols	HTTPS

To arrange a demo or to learn more about this product and others, please contact American Security directly.

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