

# SKT20S BODY TEMPERATURE SCANNER

The SKT20S Station is an advanced and precise non-contact body temperature measuring device. The station is designed to quickly detect people with an elevated body temperature. In case of detecting temperature higher than the set value, an alarm will go off automatically (light and sound). A quick detection of people with elevated temperature enables to pick up potential carriers of dangerous infectious disease.

## ADVANTAGES AND FUNCTIONALITY

### Security Control

The station has been designed to minimize the risk of the spread of diseases, where elevated body temperature is a symptom.

### Non-contact Reading

The temperature control station ensures a safe, non-contact temperature reading. To perform a reading, bring your forehead or wrist 5-15 cm from the sensor. Non-contact measurement guarantees safety and does not require disinfecting the station after every use.

### Safety and Security Measures

The SKT20S station is designed to control body temperature in places with high traffic numbers. It can be used at airports, bus and train stations, ferries, public institutions (embassies, courts, prisons), sports facilities, schools, pre-schools, residential care homes, hospitals, outpatient clinics, and any places with numerous random visitors.

### Warning System

The SKT20S has a built-in warning system which indicates an elevated temperature reading by means of light and sound signals. In case of an elevated temperature reading the system automatically runs a 3-second sound and light alarm (red LED diodes).

### Protection against an incorrect reading

The SKT20S is equipped with an integrated IR sensor, with a reading accuracy of  $\pm 0,2^{\circ}\text{C}$ . A laser distance sensor together with a temperature sensor is designed to optimize the reading and allows to avoid temperature readings of random objects. The device can be installed both indoor and outdoor.

### Reading

Approach, the station. Bring your forehead or wrist 5-15 cm from the sensor. You will hear two tones indicating the start and end of the reading. Check the reading.

#### A positive result

If the reading does not exceed the set values, a green LED diode will flash.

#### Incorrect reading

If, during the reading, the body surface is too far from the sensor, an appropriate message will appear. You should repeat the reading in such case. When the temperature reading is too low, there is a possibility that a random object got into the reading zone. In this case an incorrect reading signal will sound and a message "Repeat the reading" will appear.

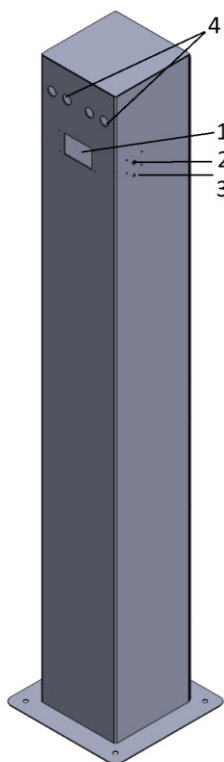
#### A negative result

If the temperature is higher than the set value limit, a 3 second signal will sound, and a red LED diode will flash.



## TECHNICAL SPECIFICATION

Power supply	12V, 2 A DC (50-60Hz), equipped with PSU
Power consumption	< 8W
Reading distance	5-15 cm
Reading accuracy	+/-0,2°C
Correct temperature range	35,4-37,3°C
Working temperature	from -10°C do +45°C
Display	3,5" TFT, color, 320 x 480
Protection level	IP55
Materials	metal housing
Temperature sensor	Melexis (Belgia)
Dimensions/Weight	1500 (H) x 200 (W) x 200 (D) mm/16,5 kg
Warranty	12 months



1. TFT 3,5" Display
2. Temperature sensor
3. Proximity sensor
4. Warning lights

