

Advanced solutions for body temperature control



DySafe BTC LIGHT is the most compact device among the BTC family. Designed to be installed everywhere; it is available in one sole configuration.

Despite its small dimensions, it is sophisticated product, a which can manage gates, alarm systems, passages/turnstiles openings, thanks to a dedicated dry contact, and can interact with IT networks thanks to its RS485 serial protocol.

Everyone can install it in a few minutes and can be placed at different/adjustable heights, either indoor or outdoor, adding the optional stainless steel upper protection.

The infrared thermopile sensor, integrating an advanced elaboration chip, is extremely accurate (+/- 0,2°C precision).

Advantages:

- Fully automatic scanning
- Fast scanning rate (50 people/min)
- Acoustic/visual warning in case of above-normal temperature
- High visibility digital display

DySafe BTC Series

DySafe BTC (Body temperature Control) is our new family of automatic body temperature scanners.

As fully automatic devices, they do not require the presence of an operator: when an above-normal temperature is measured, it is visualized on the screen, a buzzer is activated and a gate/automatic door/turnstile may be enabled (option).

DySafe BTC series are modular and may be integrated with several optional devices, being able to be connected to any IT network.

DySafe BTC products are the best solution to get compliant with the guidelines of the shared Regulatory Protocol regarding the prevention from virus infection in work environments.

The body temperature check is compliant with the current UE/2016/679 (GDPR) privacy regulatory.

Working principle

Bringing the forehead close to the instrument (10 cm.), the temperature is automatically measured. In case it is out of the range (normally set at 37,5°C) the device will generate a visual and acoustic warning.

Technical specs

Sensor type	Infra-red
Body temperature range	35°C – 42°C
Power consumption	1W
Measuring distance	User settable between 5 and 12 cm in step 1 cm
Power supply	220 VAC - (re-chargeable battery, optional)
Measurement time	0.5 – 1 sec.
Accuracy	± 0.2°C
Room temperature measurement	Dedicated sensor
Alarm	Visual / acoustic in case of out of range temperature

Optional parts

Data Output

Software and data sharing via RS485 protocol

Adjustable pedestal featuring

- stainless steel main structure and floor anchorage
- adjustable height range 1.100 – 1.700 mm (suitable for children and handicapped people too)
- sanitizing gel dispenser support

Stainless steel turnstile (mod. TRILANE TL1) made of stainless steel and painted in mat black

Stainless steel upper cover (for outdoor installation)



**AUTOMATION
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