

## Facial temperature measurement system



**Dysafe BTC ADVANCED**, our facial temperature measurement system, integrates the last generation thermal imaging module and the advanced facial recognition algorithm developed by the Chinese Academy of Sciences.

Thanks to the thermal imaging principle applied to the facial temperature measurement, the system calculates the body temperature according to the face temperature distribution.

This device combines the infrared technology and the facial recognition in "visible light".

The take-over distance is longer than 60cm, avoiding any risk to get in contact with the instrument.

Upon request, the device can be supplied with a pedestal integrating all the typical features of the BTC series: passage sensors, alarms and communication protocols.



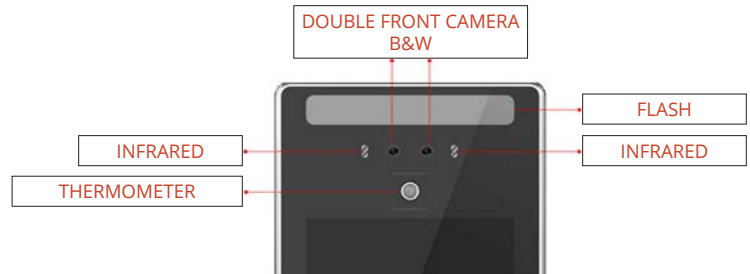
DySafe BTC (Body temperature Control) is our new family of automatic body temperature scanners.

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.



## Technical specs

<b>CPU</b>	1.8GHz quad-core processor
<b>Memory</b>	RAM 2GB
<b>Storage capacity</b>	ROM 8GB (16GB)
<b>OS</b>	Android
<b>Display</b>	8" LCD, 800-1280@60HZ resolution
<b>Material</b>	Al alloy case, scratchproof glass panel
<b>Take-over height</b>	1.2-2.2m
<b>Take-over distance</b>	0,3-0,5 m
<b>Facial angle</b>	<ul style="list-style-type: none"> <li>• Horizontal: 30 deg</li> <li>• Vertical: 30 deg</li> </ul>
<b>Recognition technologies</b>	Infrared, facial recognition in "visible light", suitable for indoor and outdoor, high speed recognition
<b>Recognition speed</b>	<ul style="list-style-type: none"> <li>• Facial tracking and take-over: 20ms</li> <li>• Full take-over: 300-500ms,</li> <li>• Body temperature: 2-3s/p</li> </ul>
<b>Statistics visualization</b>	Name + configurable data
<b>Facial data records storage</b>	30000 (expandable)
<b>Other functions</b>	Safety helmet/glasses/face mask recognition
<b>Power supply port</b>	1 internal, 1 6P external (STB function) DC 12V input

## Optional parts

Support pedestal integrating all the typical features of the BTC series: passage sensors, alarms and communication protocols.