

TAMPER PROOF TEMPERATURE MONITORING DEVICE**ABSTRACT**

The present invention provides a tamper proof temperature monitoring device for continuously monitoring of the body temperature of an individual. In one embodiment of the present invention, the tamper proof temperature monitoring device comprises a secure strap with a capacitance sensor for detecting the capacitance induced within the secure strap so as to prevent the device from being tampered; and a sensor module that integrally connects with the secure strap so that the sensor module can be secured onto the individual; wherein the sensor module includes a memory unit for receiving and storing electrical information; a data process unit for receiving and processing electrical information, and transmitting processed information to the memory unit for storage; a data transmitting unit for receiving and transmitting electrical information from the memory unit and a base unit; and a skin temperature sensor for measuring the skin temperature of the individual and transmitting the signals of the skin temperature to the memory unit.

FIG 1