



The SMiDSY **ICEwatch** unit continuously monitors the air temperature around your bike, providing you with advance warning of dangerous road conditions.

PACK CONTENTS:

ICEwatch Unit, Cable Ties, Cable Tie Base, Heat Shrink Sleeves, Sticky Pads, Installation Instructions.

Unit Function

On power up, the unit will emit 3 flashes during the self test, then, following a 10 second stabilization period:-

If the temperature is above 4.5°C (40.1°F), all you will see is a very brief and dim flash every 5 seconds. This is the unit "Heartbeat" which tells you the unit is alive and checking the temperature.

If the temperature is below 4.5°C (40.1°F), the LED is on continuously.

If the temperature is between :

- 3.5 & 4.5°C, (38.3 & 40.1°F) the LED will pulse off 4 times every 10 seconds.
- 2.5 & 3.5°C, (36.5 & 38.3°F) the LED will pulse off 3 times every 10 seconds.
- 1.5 & 2.5°C, (34.7 & 36.5°F) the LED will pulse off 2 times every 10 seconds.
- 0.5 & 1.5°C, (32.9 & 34.7°F) the LED will pulse off once every 10 seconds.
- If the temperature is below 0.5°C, (32.9 °F) the LED will show a steady light.

The unit begins the warning at 4.5°C (40.1°F) as, even though the air temperature is above freezing, any parts of the road that have been in shade during the day, may well be at freezing point and ice may have formed. So, *the moment the device issues a warning, you should treat it seriously.*

Installation

Mount the unit in the cockpit area where it can be easily seen. You can attach to a flat surface using the supplied sticky pads, attach the supplied cable tie base to the unit, or any other method suitable for your bike. The sensor should be mounted away from any source of heat emitted by the bike. For the fastest response time, fitting the sensor in the bike's airstream is recommended, but not essential. Chill factor is not an issue with this device.

Connections & Unit Specifications

Black/White +12VoltsDC
Black GROUND

Power Consumption: <4mA LED OFF <55mA LED ON
Accuracy: ± 1.0°C

It is probably easiest to tap into the bike's sidelight for power, but any 12V source may be used that comes on with the ignition. Ensure the wiring is tidy and does not interfere with any moving parts of your bike. The unit is waterproof, but *never* direct a high pressure water jet at the device.