



**CAMPBELL
SCIENTIFIC**

WHEN MEASUREMENTS MATTER

WINTERSENSE
CLOUD PLATFORM

Smart **TEMPERATURE MONITORING** *Made Easy*

The Wintersense IRIS R1 provides a simple and cost-effective way of increasing the spatial density of road temperature measurement networks using wireless, self-powered, semi-mobile smart sensors.



WINTERSENSE IRIS R1

INTELLIGENT ROUTE INFORMATION SYSTEMS

The Wintersense IRIS R1 is a compact, easy to install non-invasive surface temperature sensor.

Designed to be installed on existing street furniture, Wintersense IRIS R1 is the smart, cost-effective way for operators to densify road weather networks and make data driven treatment decisions with confidence.

Activation is a simple process, by scanning the QR code or inputting the sensor ID into the Wintersense cloud platform, the sensor begins collecting data from the site immediately. Should the sensor need relocating, simply unbind the sensor from the site in the cloud platform and activate it in the same way in another location.

All data stays with a site, so sensors can be interchanged between sites and moved to new sites without affecting the existing site data – a true semi-mobile approach to road temperature monitoring.



Self-powered by lithium battery, sensors can be deployed in locations without access to mains power, enabling dense networks to be deployed quickly and efficiently at minimal cost.

Data is delivered wirelessly to the Wintersense cloud platform which provides data analysis tools and export capabilities via FTP, email and software API.

SMART TEMPERATURE MONITORING MADE EASY



**Self powered,
integrated wireless
communication**



**Cost effective
gap-filling
solution**



**Simple to
install, low
maintenance**



**Easy to deploy
and redeploy in
semi mobile
networks**

INTELLIGENT ROUTE INFORMATION SYSTEMS

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