



Icelert 2000

The **Icelert 2000** system provides a low cost means of enhancing a Road Weather Information System.

The cylindrical nature of the sensor makes installation simple and the small interface unit is suitable for mounting in any roadside cabinet.

The **Icelert 2000** may be solar powered and GSM data transmission is also possible.

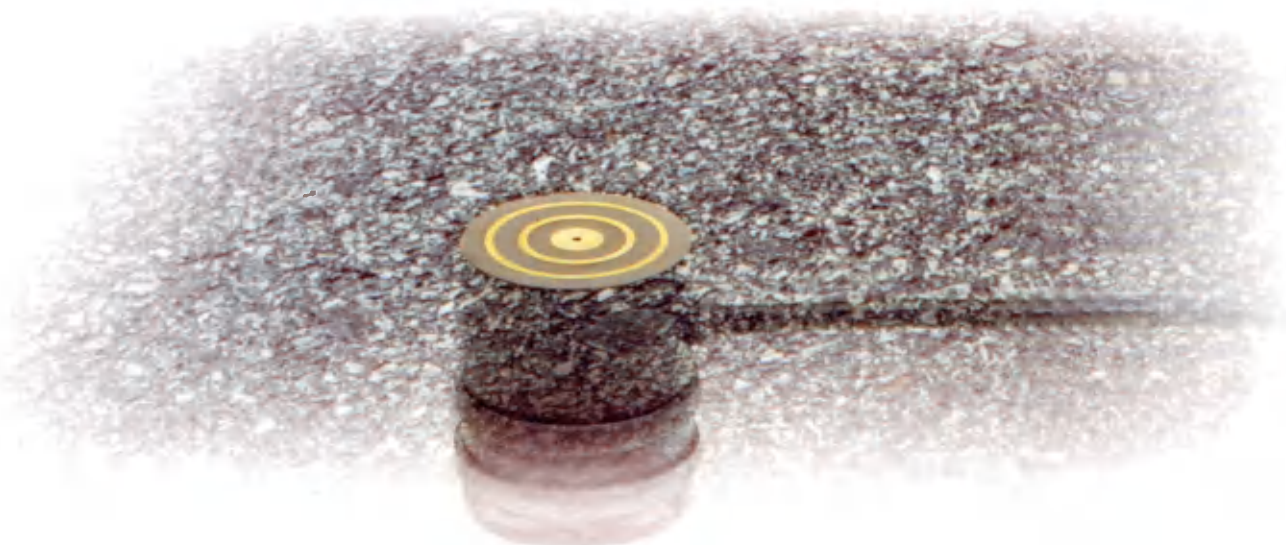
The **Icelert 2000** can integrate with existing systems from any manufacturer, including the Findlay Irvine Icelert Mark 6 system, using various communication protocols.

The **Icelert 2000** provides a low cost way of expanding coverage of road data within a region.

The system has volt-free or serial interfaces for connection to VMS or other devices.

Low cost road sensor

- **Low cost**
- **Simple installation**
- **Proven technology**
- **Integrates into any Road Weather Information System (RWIS)**
- **Interfaces with Thermocheck to allow data to be transmitted to passing patrol vehicles**
- **Interface with Variable Message Signs (VMS)**
- **Use as "fill-in" to enhance existing network**
- **Land or GSM telephone link**
- **Solar power option**



Icelert 2000

Low cost road sensor

specifications



Icelert 2000 Sensor - part No 950 891

Temperature range	-30 to +60°C
Temperature sensor accuracy	±0.2°C
Temperature sensor resolution	0.1°C
Measured conditions	Wet, Dry, Salt conc., Icy/Frost
Construction	Epoxy
Dimensions	96 dia. by 100 deep.
Cable length	25m (extendable to 100m)
Environmental protection	IP67



Icelert 2000 Interface Unit - part No 950 904

Supply voltage	12Vdc ± 5%
Supply current	150mA max.
Supply protection	Fuse
Output (serial Interface)	RS232C to modem or GSM
Baud rate	1200-19200 baud
Protocol	Icelert compatible, TR2213 or user definable
Relay output	Volt-free contact (N/O, N/C)
Contact rating	12V at 2A
Enclosure	Diecast aluminium, grey
Dimensions	200 x 200 x 70mm
Cable entries	16mm glands (3-off)
Mounting	Suitable for mounting in cabinet or similar
Environmental protection	IP66



↑ 12V dc ↓ Modem/GSM ↑ Sensor

Note:

A 230Vac to 12Vdc power supply or Solar Panel are available as options for use with the **Icelert 2000** and Interface Unit.

FINDLAY IRVINE

