



# SR-IDS

## INTELLIGENT ICE DETECTOR SYSTEM YOUR SAFETY EYES



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## INTELLIGENT ICE DETECTOR SYSTEM

### KEY FEATURES

- Detect the possibility of ice on roads
- Alert drivers through LED signs
- The warnings keep operating until effective temperature and humidity stabilises
- Encourages a careful driving in safer speeds

### SPECIFICATIONS:

- RF communication
- Real-time monitoring of temperature and humidity values
- Possibility to send alerts by GSM/GPRS
- Ultra bright LED road studs
- Low power consumption system
- Powered by solar or electric energy
- Road studs with internal temperature sensor

### ICE DETECTION SYSTEM

**SR-IDS Transmitter:** Temperature sensor, humidity sensor, RF transmitter, controller

- Get the measurements and process the information by RF to the SR-IDS Receiver

**SR-IDS Receiver:** RF receiver, controller

- Takes the information from the SR-IDS Transmitter
- Receptor module sets warning signals when there is probability of ice on road

### WARNING SYSTEM

- Road Studs
- Vertical LED Sign 'Remote Ice Adviser'

