

SR-IDS

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

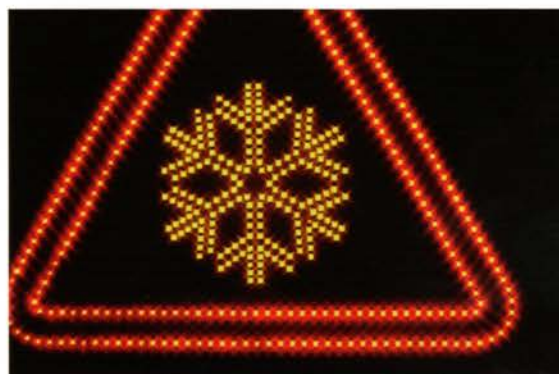
- Get the measurements and process the information by RF to the SR-IDS Receiver

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'



ROAD MARKING - SIGNING - TRAFFIC LIGHTING
TRAFFIC SAFETY PRODUCTS AND SOLUTIONS
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SR-45



STAINLESS STEEL HARDWIRED ROAD STUD

KEY FEATURES

- Robust construction, suitable for harsh conditions
- Snow plough resistant
- High brightness day or night
- Possibility of integration with control traffic devices
- Suitable for applications in roads, tunnels, parks and airports
- Communication protocol
- Hardwired system for solar powered or electrical
- Low maintenance
- Operation Mode: Always on, Flashing, Sequential

SPECIFICATIONS:

ELECTRICAL

Power Supply: 12Vdc or 24Vdc

Current Consumption: 80mA

OPTICAL

LEDs Number: 8 LEDs - 5mm

LEDs Colour: Amber, Red, White, Blue, Green

LEDs Configuration: Uni-directional - possibility of using different LED colors in each window

MECHANICAL

Dimensions: Ø160,5mm x 100,5mm

Weight: 3kg

Projection: 5,5mm

Minimum Installation Depth: 100mm

Bottom Part Material: Aluminium

Top Material: Stainless Steel League

Mechanical Resistance: 120 Tons

Protection Index: IP68 and IK10

OTHER VERSIONS

SR-45A

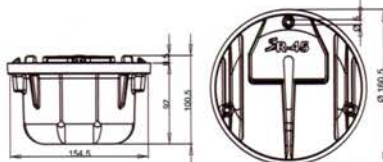
- 100% Aluminium
- Mechanical strength of 30 Tons

SR-45R

- Possibility of rotation after installation + / - 20°

SR-45P

- Ultra brightness Road Stud with high power LEDs
- Up to 4 power LEDs (1W) with internal lens, providing a high light intensity
- Specially developed heat sink to increase LEDs lifetime



Dimensions: mm



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