Moisture Sensor for Road Surface Detection

Road Surface Detection

Features:

- **Noncontact Sensing**
  Available sensing road condition from Max. 5m height

- **Compact Size & LED Light Source**
  7cm x 7cm x 3.5cm

- **Detecting 4 conditions**
  Available to detect 4 conditions of road surface (Dry, Wet, Snow, Ice)
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Technical Advantages:

- **High Precision Sensing**
  Road surface moisture detection by own infrared analysis technology

- **Easy Installation**
  Noncontact road temperature measuring by far-infrared

- **High Noise Immunity**
  Head light, Sun light etc.

Available sensing 4 conditions of road surface:

- Reflection
- Spectrum
- Temperature

Original Algorithm

Dry  Wet  Snow  Ice
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Road Surface Detection

Applications: With System MCU, WAN and Cloud System

- For Road Condition Map
  To secure drivers safety
  To avoid danger road

- For Allocation of Car
  Optimized to allocate snowplow etc.

- For Autonomous Driving
  Tunnel, Bridge, Intersection etc.