IoT Smart Sign

System diagram

1 Solar power

2 LED warning sign

3 Sensing modules
- ˅ Wrong way
- ˅ Pedestrian cross
- ˅ Flooding area
- ˅ Bike path
- ˅ Raining
- ˅ Fog area
- ˅ Strong wind
- ˅ Landslide
- ˅ Intersection stop
- ˅ Curve warning

4 Short-range immediate alert

WiFi   LoRa

5 Long-range monitor & control

NB-IoT / 4G
- ˅ IoT remote control
- ˅ data return alert
- ˅ Event handling

6 Cloud data collection

YIELD

WRONG WAY