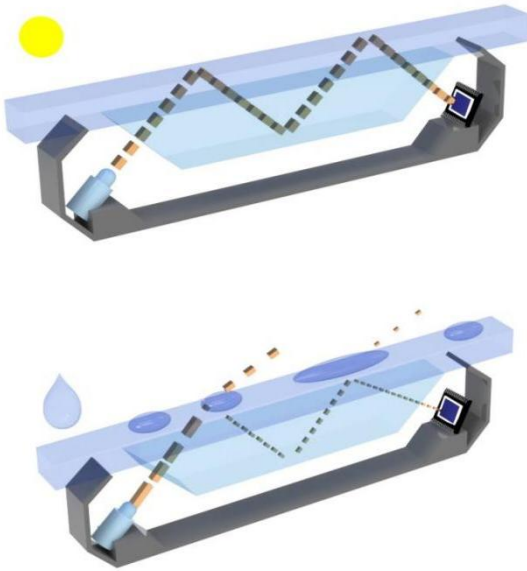


# 雨量传感器 Rain Sensor

雨量光线传感器（RLS）是将红外式雨量传感器以及环境光传感器集成于一体的新一代车载智能传感器。配有 RLS 的车辆可以感知车外光照条件的明暗变化，实现前雨刮和前大灯的自动控制，替代原有手动操作，提高了驾车的安全性和舒适性。主要应用于前/后挡风玻璃的雨量检测。

Rain-ray sensor (RLS) is a new generation of vehicle intelligent sensor which integrates infrared rain-ray sensor and ambient light sensor. The vehicle equipped with RLS can sense the light and shade changes outside the car, realize the automatic control of the front wiper and headlights, replace the original manual operation, improve the safety and comfort of driving. Mainly used for rain detection of front/rear windshields.



小尺寸

Small Size

低功耗

Low power consumption

免维护时间长

Long maintenance-free time

适应性好

Good adaptability

汽车领域

Automotive filed

气象台（站）

Meteorological platform (station)

水文自动测报系统、自动野外测报站

Hydrological automatic reporting system and the automatic field measurement station

特  
征  
Features

应  
用  
Application

## 主要参数 Parameters

参数 Parameters	规格 Specification
电源电压	3.0 ~ 3.6 V
工作电流	6 mA
ESD	2 kV
直流光感输入	140~900 uA
环境光响应时间	3 ms
工作温度	-40~105 °C
通信接口	SPI