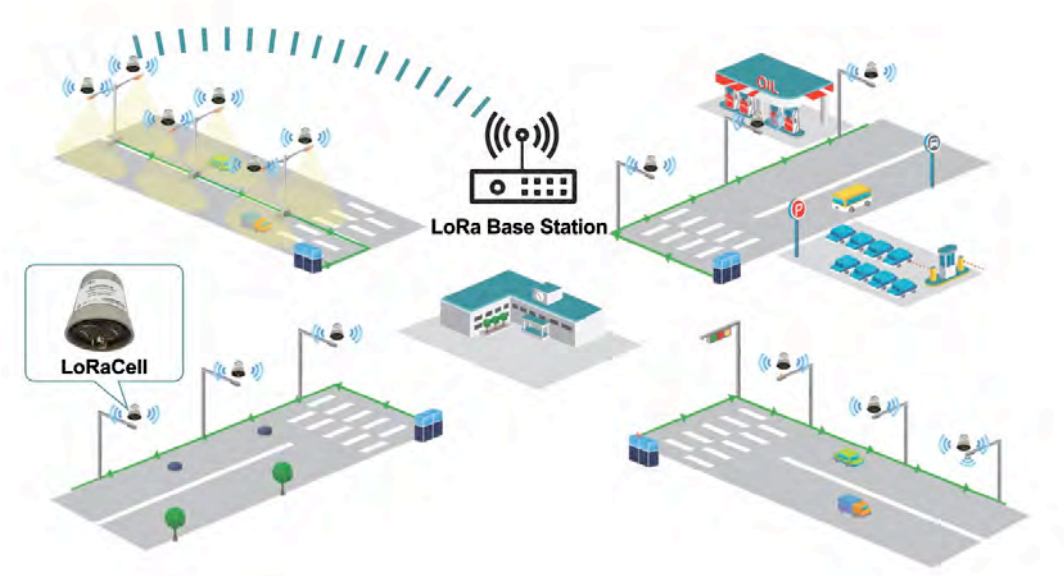
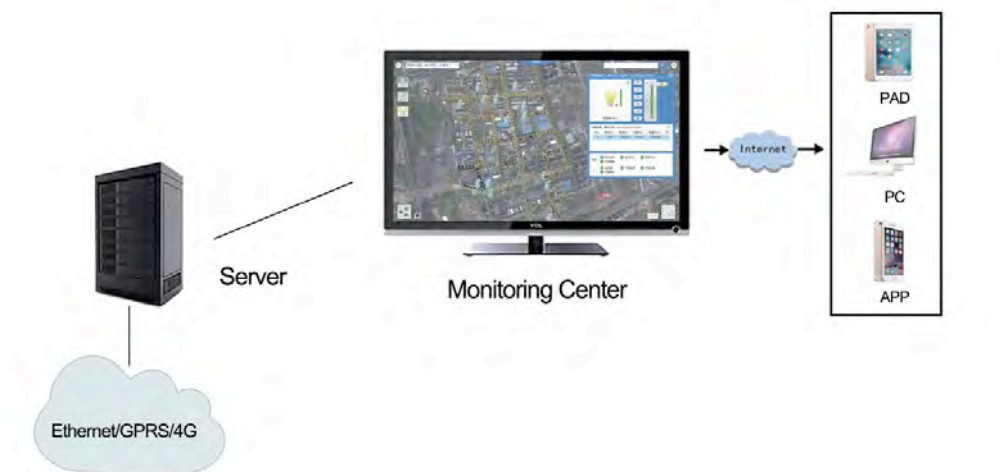


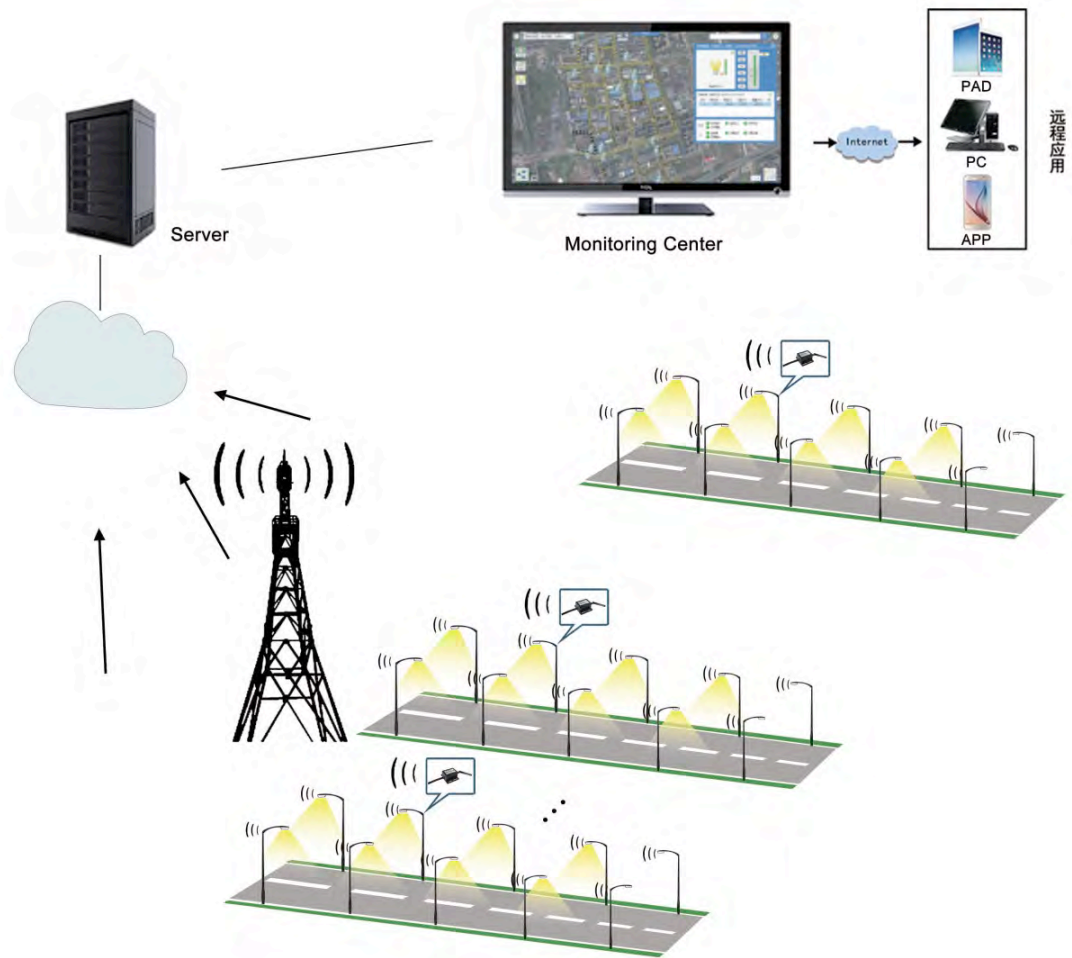
# COMMUNICATION

## Lora

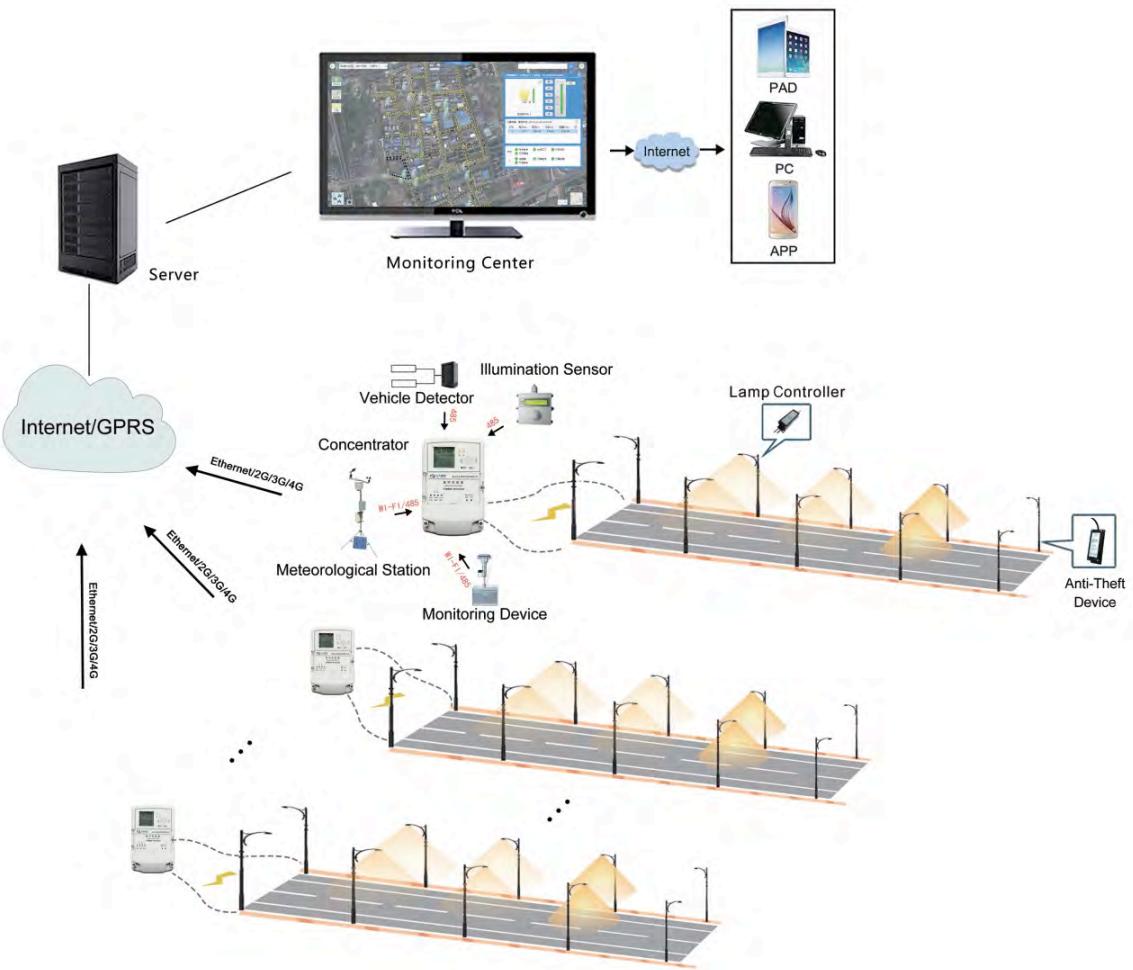


# NB-IoT

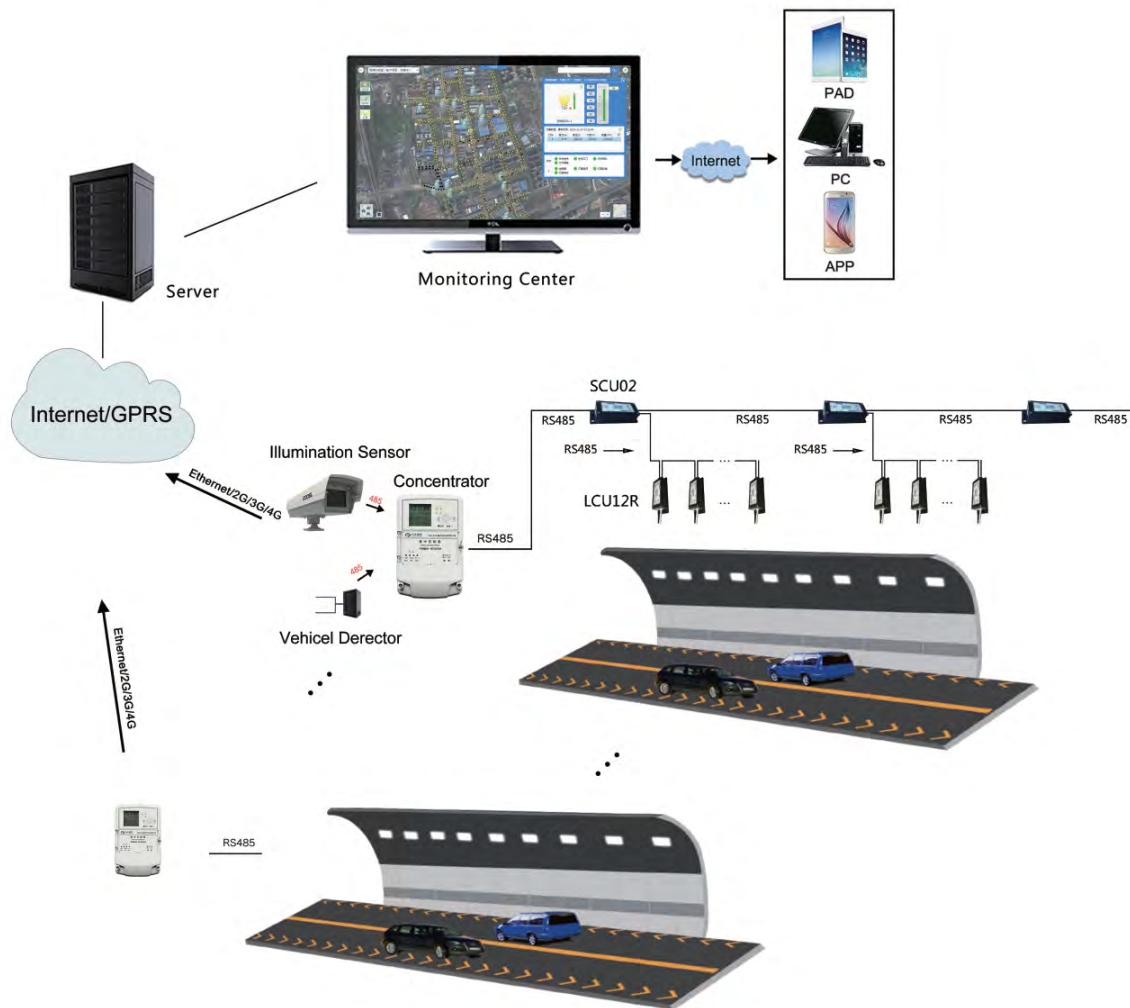
GPRS/4G Solution



# Powerline



## RS485 (Tunnel System)



- **Line 1:** AC input, power supply for all equipment.
- **Line 2:** Concentrator (RTU), connects to signal controller via RS485 communication line for distances up to 200m.
- **Line 3:** Concentrator (RTU), connects to external luminance detector via RS485 communication line for distances up to 200m
- **Line 4:** Concentrator (RTU), connects to vehicle detector via RS485 communication line for distances up to 200m
- **Line 5:** Concentrator (RTU), connects to lamp controller via RS485 communication line for distances up to 200m

*Note: For distances greater than 200m Fibre optic cable is recommended.*