

# Green Energy Building Controls For Outdoor Parking Lot

GEBC offers Cost-effective flexible wireless mesh controls



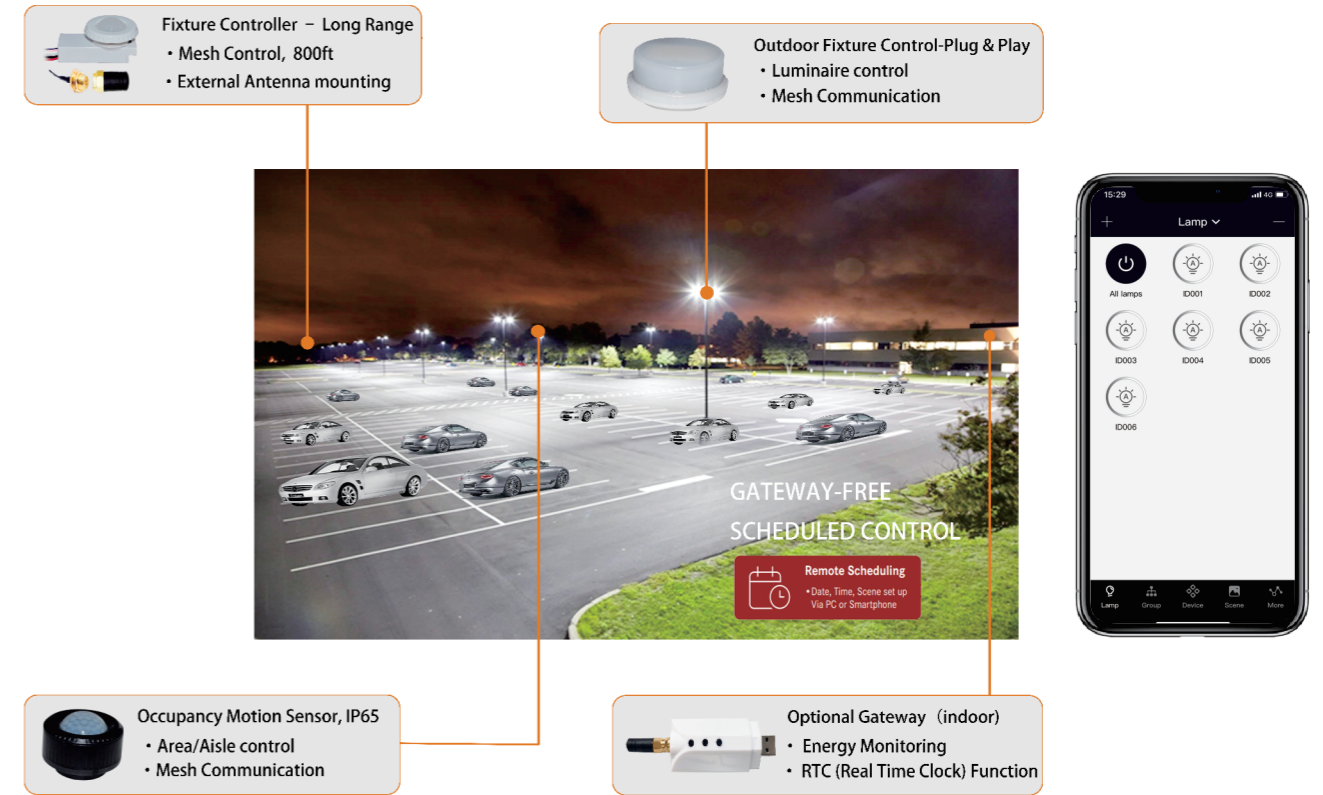
Like parking lots, open-air parking lots make up a large portion of non-residential real estate in North America. Many parking lots are lit for more than 12 hours a day and are used intermittently or infrequently at night. In fact, the U.S. Department of Energy estimates that businesses spend up to \$6 billion a year on parking and garage lighting. Choosing lighting controls for these facilities means achieving optimal energy performance without compromising visitor safety.

## GEBC offers Cost-effective flexible wireless mesh controls

GEBC offers sustainable, compliant solutions for parking facilities and signage that reduce energy consumption by up to 80% and reduce replacement costs with longer-lasting lighting solutions.



- Networking of Luminaires
- Occupancy sensor
- Daylight harvesting
- Zoning performance
- Individual addressability
- Continuous dimming
- Set your schedule
- Luminaires linkage
- Energy monitoring
- Scene control
- Upgrade OTA
- Automatic calibration



## TYPICAL CONTROL PROFILES

Zone	Scenario	Description
Entrance	Reverse photosensor	Lighting on during daytime, dimmed at night
Interior aisleways and parking spots	Motion sensor+control module	Lighting on at 20%, increase to 80-100% with motion detection for pathway lighting with advancing car
Perimeter zones	Daylight harvesting sensor	Lighting on at 20% of set lux level during daytime, increase to 80-100% with dusk
Roof deck	Photocell +Motion sensor	Lighting on at 20% during normal operations; increase to 80-100% upon motion detection during nighttime hours

