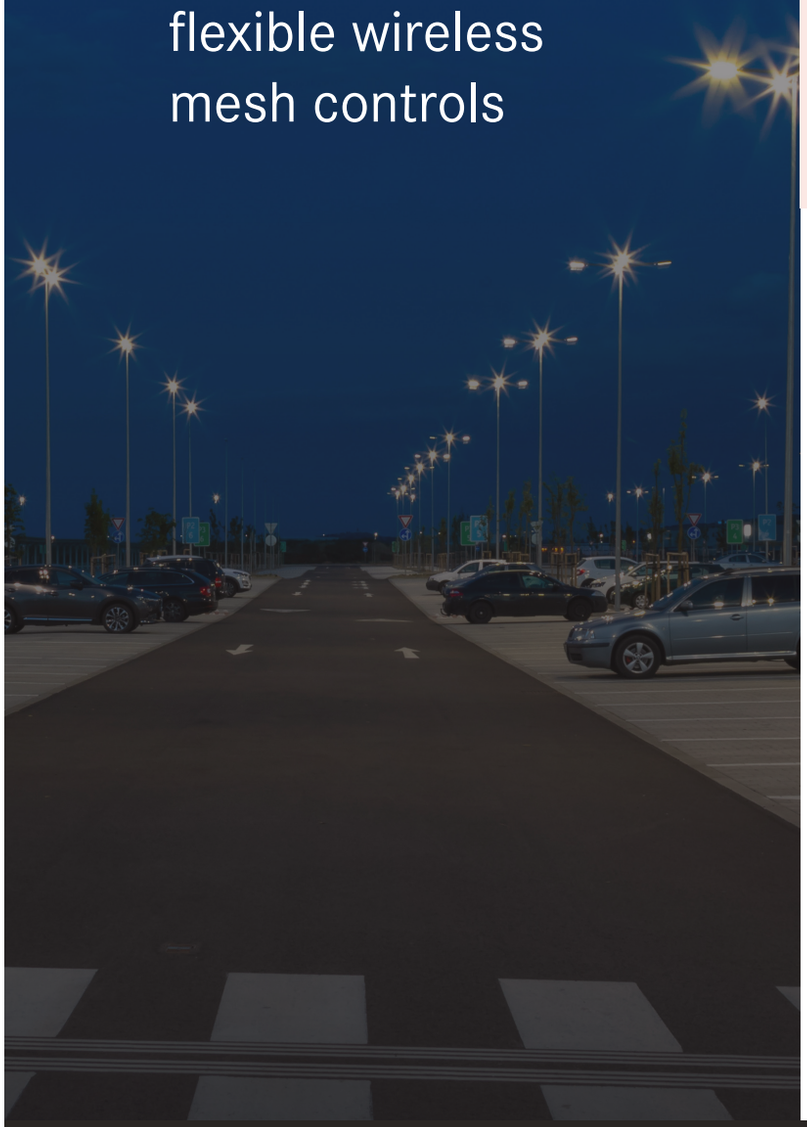
Parking Lots & Area Lighting

Rugged, cost-effective flexible wireless mesh controls



Like parking garages, open-air parking lots occupy a significant portion of nonresidential real estate in North America. Many parking lots are illuminated for 12+ hours daily with intermittent or infrequent occupancy during nighttime hours. In fact, the US Department of Energy estimates that organizations spend as much as $6 billion annually lighting parking lots and garages.

Choosing lighting controls for these facilities means achieving optimal energy performance without compromising safety and security for visitors. Ideal solutions will be highly flexible, such as wireless systems that dramatically reduce installation costs, as well as rugged control devices that can thrive in harsh weather conditions.

McWong's wireless mesh networked control choices offer robust solutions for all these challenges.

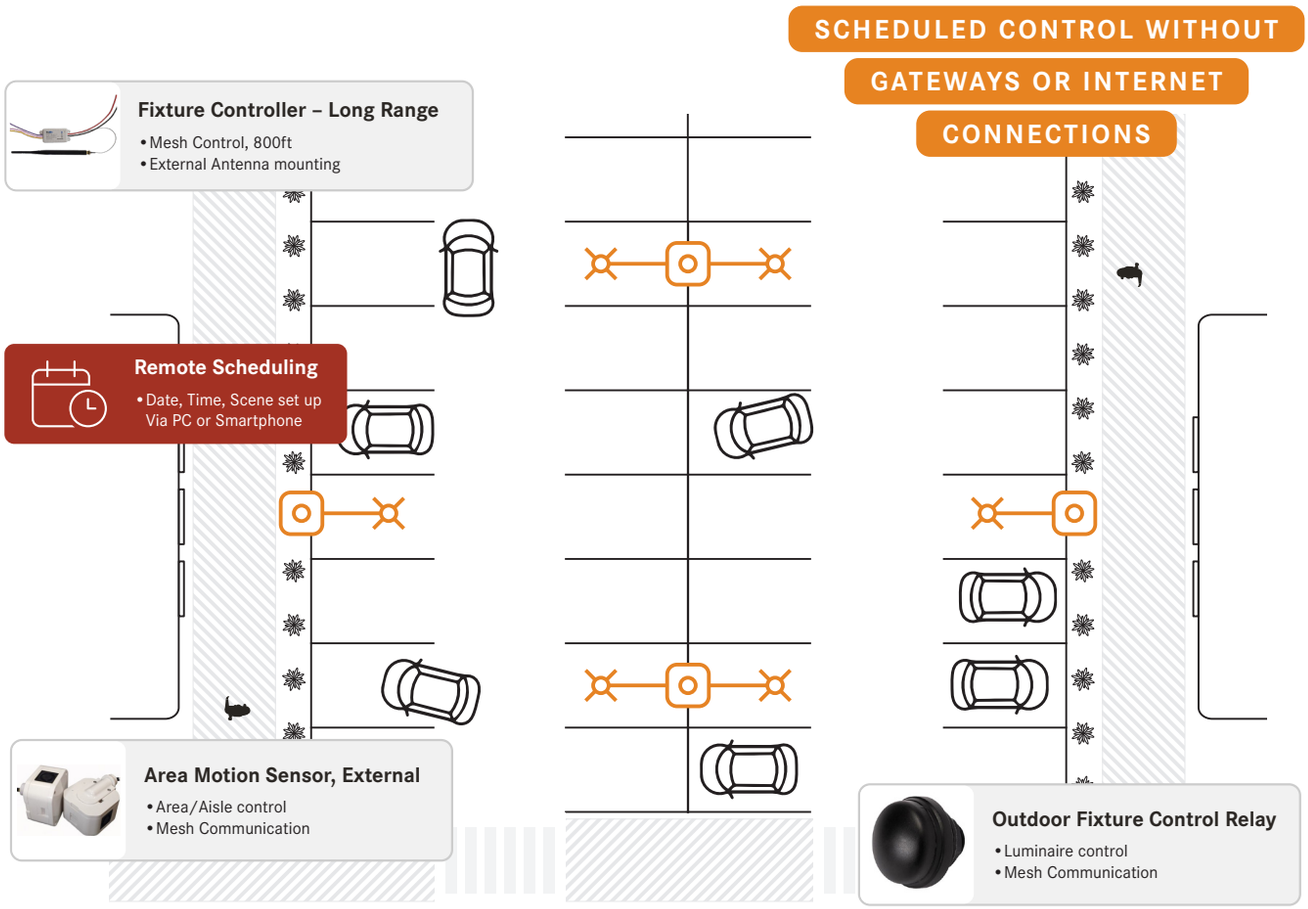
Cost-Effective Installation & Commissioning
Because McWong's Bluetooth mesh solutions eliminate costly hardwiring and extensive commissioning, projects can save as much as 75% on labor costs compared with conventional control solutions

Range
With IP65 ratings, award-winning long-range devices and app-based access, systems deliver dependable performance 24/7/365.

Scalable and Interoperable
Scalable solutions for large campuses includes multiple lots and access roads; over time, interoperabilty allows flexibility to choose from 'best-of-breed' lighting fixtures and controls devices

App-based Design & Control
User-friendly control from smartphone apps streamlines design, startup, and future network adjustments

Robust Performance Regardless of Weather



TYPICAL CONTROL PROFILES

Area	Scenario	Description
Entrances	Motion sensors	100% ON with occupancy detection, 30-50% with vacancy
	Scheduled or Astronomical	ON to 100% at dusk, reduced to 50% 12 midnight-4 am, OFF at dawn; if occupancy detected, sensor control overrides scheduled/astro
Aisleways and parking spots	Motion sensors	100% ON with occupancy detection, 30-50% with vacancy
	Scheduled or Astronomical	ON to 100% at dusk, reduced to 50% 12 midnight-4 am, OFF at dawn; if occupancy detected, sensor control overrides scheduled/astro