MW Connect

Sport Field Lighting

Long range, versatile wireless mesh controls

Youth and recreational sports are a vital aspect of American society today. At $19.2 billion dollar in size, they rival the $15 billion dollar NFL. There are over 5500 youth sport fields across the US, and with the post-Covid resumption of community leagues, this number is likely to climb further.

Today's modern lighting controls have achieved remarkable flexibility and simplicity of operation while increasing signal distances. Products like the **mwConnect Bluetooth Range Extender** make designing a robust and reliable sport lighting solution ever easier. mwConnect's smartphone control interfaces adds easy access to help address forgotten shut off times, overlit security lighting during non-use, and on the fly corrections to

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

Web-portal and App-based Design and Control
User-friendly control from PC-based web portal and smartphone apps streamlines design, startup, and future network adjustments.

Flexibility
Special schedules and scenes can enable high activity lighting, and lower intensity of security lighting from an easy smartphone interface
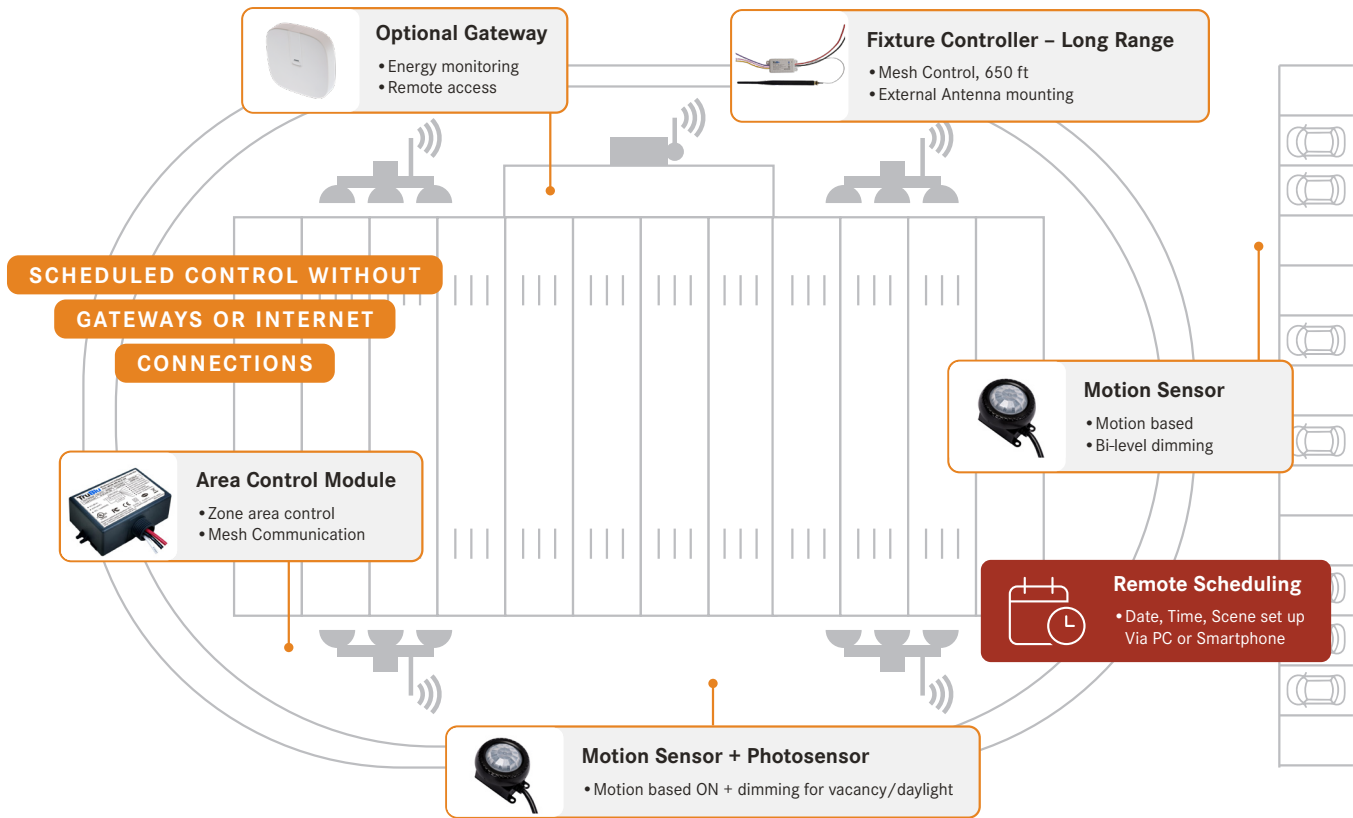
Security
mwConnect's Bluetooth mesh solutions offer robust, motion- and schedule-based lighting for sport fields and area lighting.

*Over 650 ft Line of Sight (LOS) Bluetooth

Build Community Through Sports Lighting

Optional Gateway
- Energy monitoring
- Remote access

Fixture Controller – Long Range
- Mesh Control, 650 ft
- External Antenna mounting

SCHEDULED CONTROL WITHOUT GATEWAYS OR INTERNET CONNECTIONS

Motion Sensor
- Motion based
- Bi-level dimming

Area Control Module
- Zone area control
- Mesh Communication

Remote Scheduling
- Date, Time, Scene set up Via PC or Smartphone

Motion Sensor + Photosensor
- Motion based ON + dimming for vacancy/daylight

TYPICAL CONTROL PROFILES

Area	Scenario	Description
Play area	Scheduling + LUX setting	Light on at dusk 25%, Lights at 100% for scheduled game; dimmed at night and off at curefew.
Perimeter lights	Motion sensor + Zone control module	Lighting on at 20%, increase to 80-100% with motion detection for walking pathway lighting.
Parking	Motion sensor + Zone control module	Lighting on at 40%, increase to 80-100% with motion detection for pathway lighting with advancing car
Spectator seating	Motion sensor + Scheduling	70% high end trim/On for Scheduled games; 20% for Unscheduled times, 70% for motion detection when unscheduled