



Monitor. Control. Measure.

Metering Node

An energy meter on every fixture.

- Delivers billable-quality energy data
- Enables transition from flat rate to metered energy billing
- Provides individual fixture energy measurement and control
- Maximizes energy savings on dimmable fixtures
- Identifies malfunctioning or failed fixtures quickly

Features:

- +/- 2% accuracy (per ANSI C12.1 & C12.20)
- 1060 Joule, 10kA surge protection
- Conformal-coated circuit boards
- Protection against LED inrush current
- Self-diagnostic capabilities

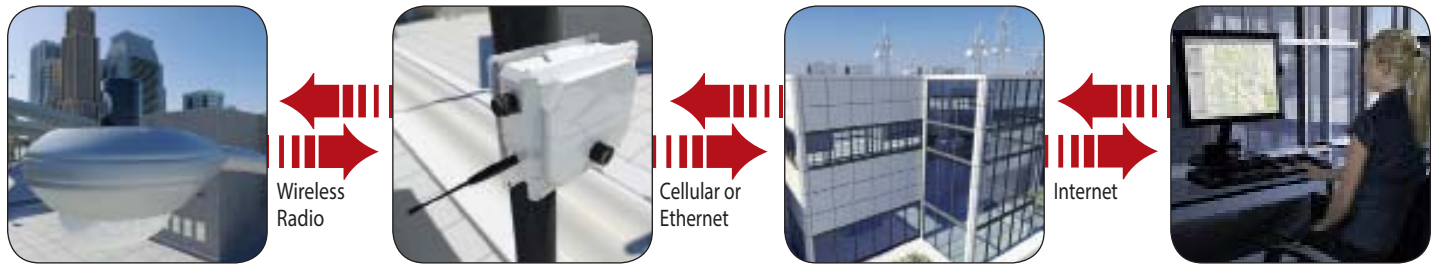
*UL listed (blue housing)
Utility (black housing)*



ONLY pay for what you use.

How ROAM® Works

ROAM consists of a mesh network of intelligent photocontrols (“nodes”) used to control all types of outdoor luminaires, including HID and LED. Mounted in place of the traditional photocontrol, the node monitors the fixture’s performance and operating conditions. Additionally, the nodes provide on/off switching according to ambient light levels, programmed schedules, or both. The performance data for each node is wirelessly transmitted through a gateway to a server, where it is graphically displayed for the system operator.



Smart Photocontrol

- Operates with any outdoor HID, LED or other fixture
- Spacing can be up to 1,000 feet apart
- Provides superior surge protection for durability
- Commands onboard dimming control modules

Gateway

- Receives data and transmits commands to nodes
- Communicates with up to 2,000 devices, minimizing system cost
- Uplinks via cellular or Ethernet communication
- Mounts on pole or building

Network Operation Center

- Receives and processes data from Gateways
- Stores historical fixture data on servers
- Uses encryption scheme approved by NSA

Customer Portal

- Provides secure, web-based access to operational data
- Displays current and historical performance data
- Controls and schedules ON/OFF/TRIM/DIM for individual fixtures or groups
- Manages lighting at one or multiple sites

Field Proven

ROAM is the proven leader in wireless control solutions. More than 120,000 nodes are currently in use in cities including Los Angeles, CA; Austin, TX; Anderson, IN; College Station, TX and Glendale, AZ.



Visit roamservices.net
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