

RADIUS

Maximize Your Power Potential



The technology demands for on-street parking operations continue to grow – multiple payment options, large color screens, Internet connectivity, and integration with third-party technologies are the new standard. The high power requirements of these technologies often require operators with solar powered pay stations to either sacrifice features or increase maintenance.

RADIUS, a new power management system from Digital Payment Technologies (DPT), ends the need to sacrifice features for solar powered operations. RADIUS reduces the amount of power used by the LUKE pay station by up to 75 percent and minimizes the need to replace discharged batteries. RADIUS is more energy efficient, resulting in reduced maintenance costs and less impact on the environment.

Benefits of RADIUS

More Power Efficient

RADIUS significantly reduces solar power availability issues often associated with pay station locations receiving little or no direct sunlight. LUKE will function with all of the features available today with limited or no battery replacement in areas of indirect light or limited AC power such as in dense downtown city areas.

Increased Location Flexibility

By using a fraction of the power traditional meters need, RADIUS allows a solar powered LUKE to be installed virtually anywhere. The LUKE solar panel can also rotate 360 degrees to ensure pay station placement is optimized for maximum sunlight and parker access.

Better User Experience

RADIUS provides an improved user experience with a new, brighter, and high-resolution color display. Paid advertising, community announcements, contact information, or additional instructions to your parkers can all clearly be displayed.

An efficient hardware and software combination quickly activates payment options when you need them, resulting in a better user experience and minimal power usage. RADIUS makes it easier for parkers to park, pay, and go.

Less Overall Cost

The flexibility to deploy solar powered on-street pay stations without losing features allows municipalities to eliminate costs associated with the connection of AC power or manual battery swap out.

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More Features

Beyond being power efficient, RADIUS adds many new features that benefit operators and parkers. Operators now have access to more pay station information, from power level monitoring to temperature and humidity sensors.

Features of RADIUS

- High-efficiency CPU
- Power level monitoring
- Larger brighter color display
- Temperature and humidity sensors
- Low-powered payment acceptors
- High-efficiency solar charging system
- Streamlined solar panel design



Technology

With RADIUS, the LUKE pay station continues to offer all of the features municipalities demand with a new hardware-software combination that provides the next level in advanced power management.

RADIUS is the result of a multi-year development effort involving the entire DPT engineering team. All components of RADIUS—the solar panel, payment peripherals, printer, controller, pay station software, operating system, and wiring—have been meticulously optimized to achieve extreme power efficiency while still providing the high level of quality expected from DPT. This new pay station architecture results in a cleaner and more versatile design that achieves significant power savings while also providing a platform that will allow the development of future improvements.

To learn more about how LUKE with the RADIUS power management system can benefit your parking operations, please contact your local reseller or your DPT Regional Sales Executive.

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