

PowerG Series

Professional grade battery-powered, PowerG wireless perimeter detection

Greatly reduce install time and labor cost with the battery-powered OPTEX PowerG Photoelectric Beam Series, by DSC. From rooftop HVAC systems to electrical substations, the PowerG Series provides a wireless, battery-powered solution to cover all perimeter and boundary security needs. Each PowerG Beam includes the PowerG radio pre-installed, allowing for a quick and inexpensive setup without the necessity for wiring or trenching.



Available Models:

- AX-200FRPG:** 200ft photoelectric beam
- SL-350QFRPG:** 350ft photoelectric beam



Product Benefits

Upgrade & Integration

The PowerG Photoelectric Beam Detector can easily be added on to existing security, video, or access control systems.



Easy Power Supply

Battery-powered PowerG Photoelectric Beam Detectors offer a practical solution for installations in areas where easy access to power is limited, such as rooftops or remote locations. This ensures efficient implementation of the PowerG units without hindrance from power outlet proximity or complex electrical setups.



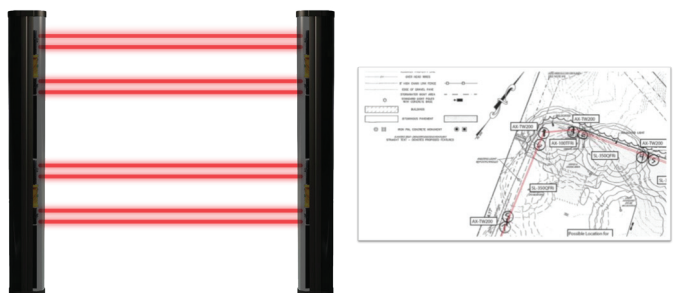
Long Range Detection

The PowerG offers optional enclosure towers with the PowerG photoelectric beams pre-installed for discreet perimeter sensing.

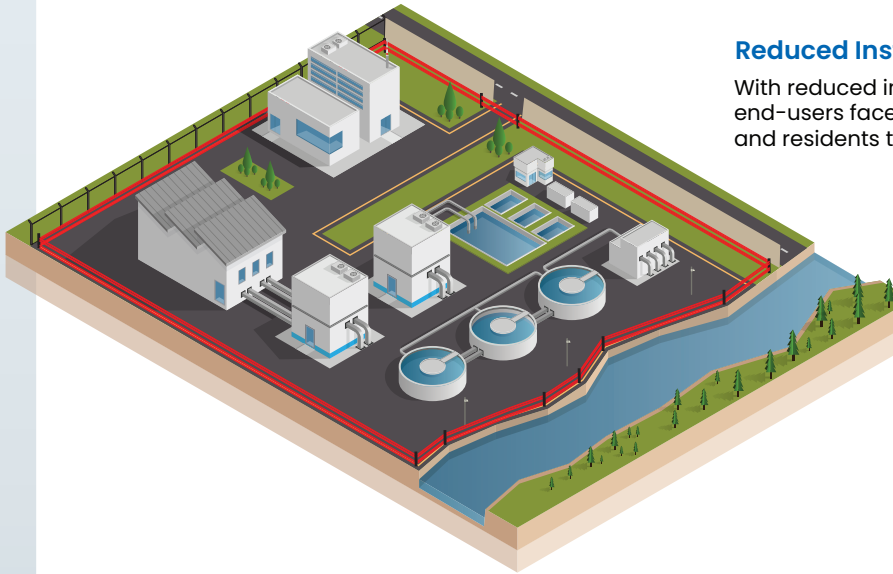


PowerG

DSC PowerG represents the strength of wired connections without the need for actual wires. It serves as a high-performance wireless communication protocol widely employed in security and alarm systems, renowned for its two-way long-range capabilities, covering distances of up to 1.24 miles in line-of-sight scenarios. This technology boasts robust signal penetration and utilizes advanced 128-bit AES encryption for enhanced security, while adaptive transmission techniques help prolong battery life. Furthermore, by employing PowerG repeaters, it's possible to extend both the range and battery life, making PowerG the preferred wireless solution for commercial applications requiring dependable and secure connectivity between security devices and control panels.



Product Features



Reduced Installation Time

With reduced installation time and no trenching needed, end-users face minimal inconvenience, allowing businesses and residents to operate as usual during installation.



AX-200FRPG

200ft wirefree photobeams

SL-350QFRPG

350ft long range wirefree photobeams

Durable Weatherproof Construction

The optional enclosure features durable construction with extruded and anodized aluminium frame and acrylic material

Mounting Options

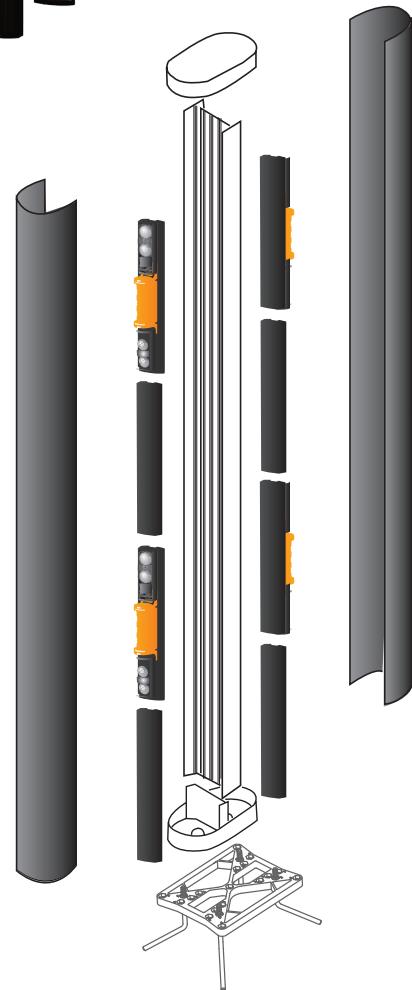
Wall mounted or free-standing options available with double-sided detection for 360° unobstructed multiple beginning / ending long range applications, or 180° single-sided for point-to-point applications.

Customizable Tower Height

20" / 3'3" / 6'6" / 9'9" tower height options are available for the PowerG photoelectric beams

Additional Accessories

Additional accessories such as mounting brackets to set in concrete and anti-climb tampers are available to prevent environmental disruptions and enhance application and security level. Additional housing fixtures for lighting or fixed cameras are also available. Please contact us to inquire.



For more information, please contact us at:

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