SmartCast® Wireless Gateway
SmartCast® Wireless Gateway for SmartCast® Wireless Lighting Networks

Product Description
The SmartCast® Wireless Gateway, enables system integration for SmartCast® Wireless lighting networks. The SmartCast® Wireless Gateway amplifies the savings potential of a building through integration of sensors and data with other systems like BMS or HVAC, and by using the SmartCast Advisor™ application to gain actionable insights that enable savings. Part of Cree’s SmartCast Intelligence Platform™, the SmartCast® Wireless Gateway helps deliver smart building solutions that offer value beyond light to make businesses more profitable.

The SmartCast® Wireless Gateway with Wi-Fi, combined with the SmartCast® Touchscreen unlocks dynamic lighting and scene control capability for your existing Smartcast wireless lighting network or new installation. It delivers a unique lighting experience when used with Cadiant Skylight.

Performance Summary
- SmartCast® Technology enabled
- Powered by Power over Ethernet or DC injector
- Enables system integration and analytics
- Small, low-profile design
- Limited Warranty*: 5 years

*See http://creelighting.com/warranty for warranty terms

Accessories

<table>
<thead>
<tr>
<th>Field-Installed</th>
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<tbody>
<tr>
<td><strong>SmartCast Link™</strong></td>
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<tr>
<td>Only compatible with SmartCast® Wireless Gateway to enable integration, software apps, API, and IoT</td>
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<tr>
<td><strong>SmartCast Wall Plug Power Supply</strong></td>
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<tr>
<td>For use with SmartCast® Wireless Gateway with Wi-Fi. Includes 6’ CAT5E Ethernet patch cable</td>
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<td><strong>SmartCast® Wireless Gateway J-Box Mounting Plate</strong></td>
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<td>For use with all the versions of SmartCast® Wireless Gateway</td>
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Ordering Information
Example: CSC-GW-CWC

<table>
<thead>
<tr>
<th>CSC-GW</th>
<th>Product</th>
<th>Option</th>
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<tbody>
<tr>
<td>CSC-GW</td>
<td>SmartCast® Wireless Gateway</td>
<td>CWC</td>
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<td></td>
<td></td>
<td>SmartCast® Wireless</td>
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<td>CWC-W</td>
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<td></td>
<td>SmartCast® Wireless with Wi-Fi 802.11a/b/g/n/ac, 2.4GHz +5.0GHz</td>
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Product Specifications

**CREE SMARTCAST® TECHNOLOGY**

With the SmartCast Intelligence Platform™, Cree Lighting has totally redefined intelligent lighting by making it so intuitive and simple, it just works - for you and for everyone who experiences it. SmartCast® Technology saves money while helping make organizations more productive, delivering up to 70% energy savings at up to half the cost of other solutions. Luminaires combine best-in-class light with onboard sensors and intelligence to deliver extreme energy productivity, code compliance and a better light experience without any extra design, installation or setup work.

**MECHANICAL SYSTEM**
- Mounts to T-bar grid with included mounting clip
- Low-profile enclosure
- Meets plenum requirements defined in UL508
- Weight: <1lb (<0.5kg)

**ELECTRICAL SYSTEM**
- Input Power: 2W
- Powered by Power Over Ethernet (POE) port [IEEE 802.3.af]
  - Wireless Gateway with Wi-Fi can be powered by standalone DC power injector [CSC-WPS-120V]
- Maximum distance from POE switch: 300ft (100m)
- Requires Cat5, Cat5e, or Cat6 wire connection

**INTEGRAL WIRELESS COMMUNICATION**
- 2.4GHz wireless mesh technology with AES 128-bit encryption
- Range:
  - 30 ft. [9.1m] in typical commercial applications
  - 300 ft. [91.4m] open air without obstructions
- Network: 250 devices max.
- One SmartCast® Wireless Gateway required per SmartCast® Wireless Lighting Network

**ETHERNET COMMUNICATION**
- IEEE 802.3.af
- Maximum distance from POE switch: 300ft (100m)
- Requires Cat5, Cat5e, or Cat6 wire connection

**WI-FI COMMUNICATION (CSC-GW-CWC-W ONLY)**
- IEEE 802.11 a/b/g/n/ac 2.4GHz +5.0GHz
- Supports SmartCast Touchscreen control and configuration
  - Does not support connection to Enterprise IT network
- Not compatible with SmartCast Link device

**DEPLOYMENT**
- Please refer to the SmartCast® Deployment Guide: https://www.creelink.com/exlink.asp?23613564OH88E44I39771048

**REGULATORY & VOLUNTARY QUALIFICATIONS**
- cULus Listed
- Suitable for damp locations
- FCC certified
- IC Certified
- CA RESIDENTS WARNING: Cancer and Reproductive Harm – www.p65warnings.ca.gov

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System Diagram

**SmartCast® Wireless Gateway for SmartCast® Wireless Lighting Networks**

**System Diagram**

SmartCast® Wireless Gateway (CSC-GW-CWC)

- **120V**
- **POE Network Switch (by others)**
- **SmartCast Link**
- **Cat5, Cat 5e, or Cat6 Power Over Ethernet IEEE 802.3af**

... SmartCast Wireless Gateway 1

... SmartCast Wireless Gateway 2

... SmartCast Wireless Gateway n

SmartCast® Wireless Gateway with Wi-Fi [CSC-GW-CWC-W]

- **IEEE 802.11 a/b/g/n/ac 2.4GHz +5.0GHz**
- Supports SmartCast Touchscreen control and configuration
  - Does not support connection to Enterprise IT network
- Not compatible with SmartCast Link device

**DEPLOYMENT**
- Please refer to the SmartCast® Deployment Guide: https://www.creelink.com/exlink.asp?23613564OH88E44I39771048

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