



Project Name _____

Catalog No. _____

Date _____

Hubbell Control Solution's wiSCAPE™ Gateway G3 (GW3) is a completely autonomous controller used to combine wiSCAPE Fixture Modules into a single wireless network. The GW3 enables communications between wiSCAPE fixture modules and the wiSCAPE Enterprise Central Management Server or the wiSCAPE Express software application. Although each fixture module is functionally autonomous, the GW3 acts as an access point through which the modules can be managed, monitored and metered. The GW3 then sends the data obtained from the fixture modules to the wiSCAPE Enterprise Central Management Server which collects the data from multiple gateways.

Available in either 2.4GHz and 900MHz ISM (Industrial, Scientific and Medical) radio versions, the wiSCAPE Gateway G3's wireless control technology adapts easily to a wide range of outdoor lighting applications for quick, simple and economical commissioning and operation.

The wiSCAPE Gateway G3 is available with optional features including a cellular modem for remote network connectivity and an internal heater for extreme cold environments.

Product Features

- Autonomously manages up to 1000 fixture modules (500 recommended)
- Astronomical and fixed time scheduling
- Uses Flash memory storage in order to withstand temperature, shock and vibrations
- Supports network connectivity via Ethernet connection (Standard) or optional cellular modem
- Surge protected
- NEMA 4X (IP66) cabinet
- Secure communication using AES-128 encryption
- Optional cabinet heater for extreme cold environments

Compliance and Certification



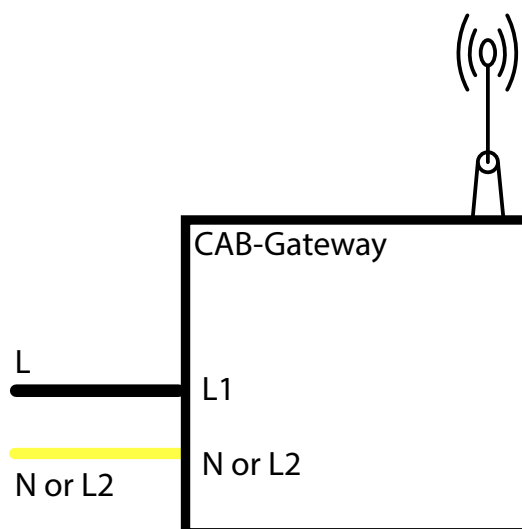
Ordering Information

WIR-GATEWAY3				
MODEL			RADIO	OPTIONS
WIR-GATEWAY3	wiSCAPE™ Gateway Generation 3		Blank	Blank None
			9*	CM** Cellular Modem
				H Heater
				CMH** Cellular Modem and Heater

ACCESSORIES	
WIR-STPDNxFMR-277	wiSCAPE™ Gateway Stepdown Transformer - 277V TO 120V
WIR-STPDNxFMR-347	wiSCAPE™ Gateway Stepdown Transformer - 347V TO 120V
WIR-MOD-GPRS**	wiSCAPE™ Gateway GPRS Cellular Modem

* 900 MHz Devices are MTO - Contact Customer Service for Availability
** Cellular service plan not included

Wiring Diagrams



General Specifications

Voltage	120-240 VAC; 50/60Hz Power consumption: 10W maximum (- Heater option 70W when in operation) NOTE: 277VAC and 347VAC operation requires step-down transformer – see Accessories
Fused Supply	5A
Surge Protection	190 Joules (10,000 surge current rating measured using industry 8/20 µSec wave)
Ambient Temperature Range	Without Heater: 32°F to 185°F (0°C to 85°C) With Optional Heater: -40°F to 185°F (-40°C to 85°C)
Relative Humidity	Up to 99% non-condensing (fully waterproof NEMA 4X enclosure)
Dimensions	Standard: 10"L x 8"W x 4"H (Hammond PJU1084) With Optional Cellular Modem: 14"L x 12"W x 6"D (Hammond PJ14126L)
Construction / Mounting	Compression molded fiberglass reinforced polyester construction with flush, solid/opaque cover (IP66 Rated) Stainless steel hinges and lockable snap latches Supplied with mounting brackets
Radio Coverage	Up to ~1,000 ft. (~300m) Note: Range based on clear line of site. Recommended deployment practices: Locate wireless devices within a 300 foot radius of the next wireless device for most reliable performance.
Certifications	2.4GHz Version - FCC: U.S. FCC Part 15.247: OUR-XBEE / OUR-XBEE PRO, Canada IC: 4214A-XBEE / 4214A-XBEE PRO, Europe CE: ETSI / ETSI 900MHz Version - FCC: U.S. FCC Part 15.247: MCQ-XB900HP
Warranty	Five-year limited