



Project Name _____

Catalog No. _____ Date _____

The wiSCAPE Gateway is used to combine up to 1000 wiSCAPE Fixture Modules into a single wireless network. Although each Fixture Module is functionally autonomous, the Gateway acts as an access point through which the modules can be managed, monitored and metered through wiSCAPE View software.

Using the robust 2.4GHz ISM (Industrial, Scientific and Medical) radio band, the wiSCAPE Gateway's wireless control technology adapts easily to complex automation situations for quick, simple and economical commissioning and operation.

The wiSCAPE Gateway features many optional features including a cellular modem for remote network connectivity and a BACnet IP Interface to enable easy interfacing of the Gateway's control system and modules with Building Automation Systems.

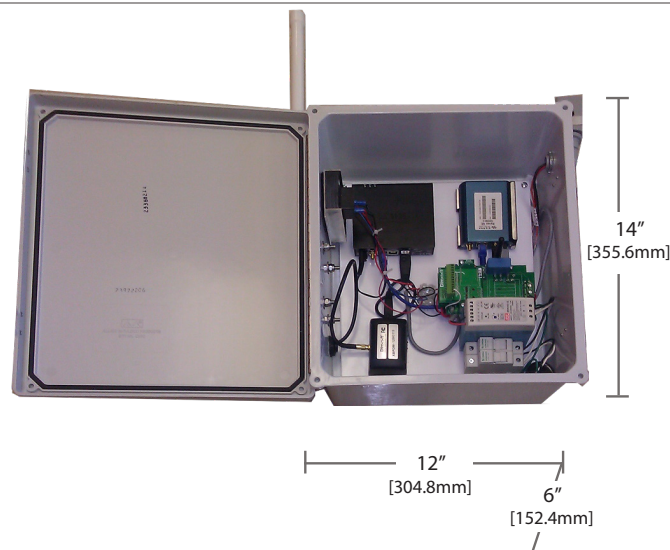
Product Features

- Solid-state disks withstand temperature, shock and vibrations
- Surge protected
- Module/Gateway ratio: 1000 modules per Gateway
- Fail-safe operation- defaults to photocell control
- Gateways are in NEMA 4X (IP66) cabinets
- Data storage supports up to six months of rolling data storage
- 128-bit AES encryption
- Includes wiSCAPE View client application
- Optional cellular modem
- Optional BACnet™ IP interface

Compliance and Certification

FC IP66

Dimensional Data



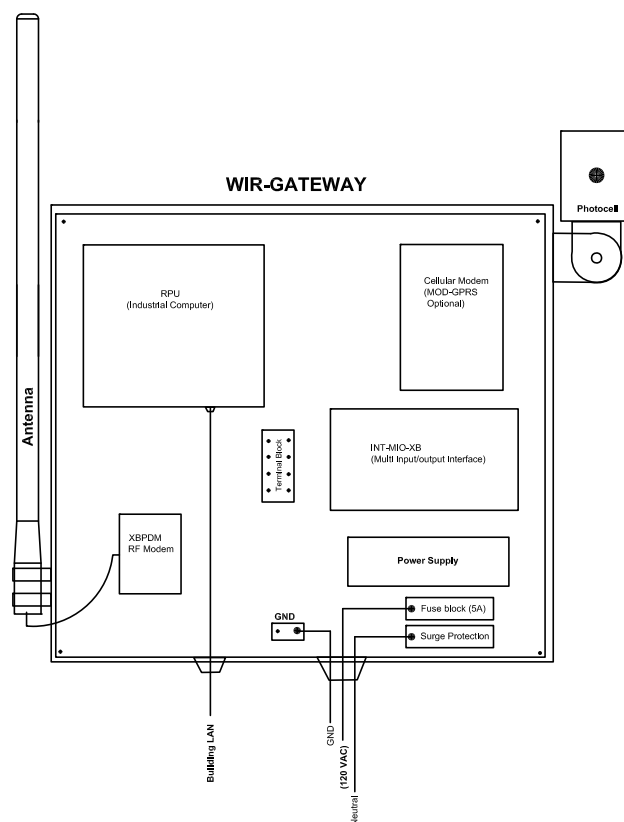
Ordering Information

WIR-GATEWAY	
MODEL	OPTIONS
WIR-GATEWAY	Blank None
	CM Cellular Modem
	BN BACnet IP Interface

Accessories

WIR-STPDN XFMR-277	wiSCAPE™ Gateway 277V to 120V Stepdown
WIR-STPDN XFMR-347	wiSCAPE™ Gateway 347V to 120V Stepdown
WIR-MOD-GPRS	wiSCAPE™ Gateway GPRS Cellular Modem

Wiring Diagram



General Specifications

Voltage	120VAC; 50/60Hz Power consumption: 18 watts
Fused supply	5 amps
Surge protection	190 Joules (10,000 surge current rating measured using industry standard 8/20 μ Sec wave)
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.
Photocell	Operation: On/Off Turn-On: 1 FC Turn-On/Off Ratio: 1:1.5 Time Delay: 1 to 5 seconds off only
Ambient temperature range	-40°F to 185°F (-40°C to 85°C)
Relative Humidity	Up to 99% non-condensing (fully waterproof enclosure NEMA 4x)
Dimensions	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
Certifications	U.S. FCC Part 15.247 : OUR-XBEE / OUR-XBEE PRO, Canada IC : 4214A-XBEE / 4214A-XBEE PRO, Europe CE : ETSI / ETSI
Warranty	Five-year limited warranty