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

**FCC**

**IP66**

### Dimensional Data

- **14”** [355.6mm]
- **12”** [304.8mm]
- **6”** [152.4mm]

### Ordering Information

**MODEL**

<table>
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<tr>
<th>WIR-GATEWAY</th>
<th>OPTIONS</th>
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**CM** Cellular Modem

**BN** BACnet IP Interface

**ACCESSORIES**

- **WIR-STPDNXFMR-277** wiSCAPE™ Gateway 277V to 120V Stepdown
- **WIR-STPDNXFMR-347** wiSCAPE™ Gateway 347V to 120V Stepdown
- **WIR-MOD-GPRS** wiSCAPE™ Gateway GPRS Cellular Modem
### 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 µSec 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**

**Warranty**
Five-year limited warranty