



WIR SERIES

WISCAPE® WIRELESS GATEWAY3

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



wiSCAPE™



RELATED PRODUCTS

[wiSCAPE Express and BACnet Software](#)

[wiSCAPE Enterprise Software](#)

[wiSCAPE Wireless External Fixture Module](#)

[wiSCAPE Wireless Internal Fixture Module](#)

[wiSCAPE Wireless External Photocell Module](#)

[wiSCAPE Wireless RGBW Module](#)

SPECIFICATIONS

CONSTRUCTION

- Compression molded fiberglass reinforced polyester construction with flush, solid/ opaque cover (IP66 Rated)
- Standard: 10"L x 8"W x 4"H (Hammond PJU1084L)
- Stainless steel hinges and lockable snap latches
- Supplied with pole and wall mounting brackets

ELECTRICAL

- 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)

OPERATION

- Radio Coverage: Up to 1,000 ft. (300m) between modules. Communication range based on clear line of site. Range may vary widely depending on environmental factors.¹

OPERATING ENVIRONMENT

- Relative Humidity: Up to 99% non-condensing (fully waterproof NEMA 4X enclosure)
- 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)

CERTIFICATIONS

- UL508A
- 2.4GHz Version: U.S. FCC (Digi XBee PRO 2.4GHz) Part 15.247 Class A: MCQ-PS2CTH, Canada IC: 1846A-PS2CTH, Europe CE: ETSI, Australia: C-TICK, Japan: TELEC

CERTIFICATIONS (CONTINUED)

- 900MHz Version: U.S. FCC (Digi XBee PRO 900MHz) Part 15.247 Class A: MCQ-XB900HP

WARRANTY

- 5 year limited
- See [Hubbell Control Solutions Standard Warranty](#) for additional information

Notes:

1 Antenna must be mounted vertically up or down.



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ORDERING GUIDE

Example: WIR-GATEWAY3

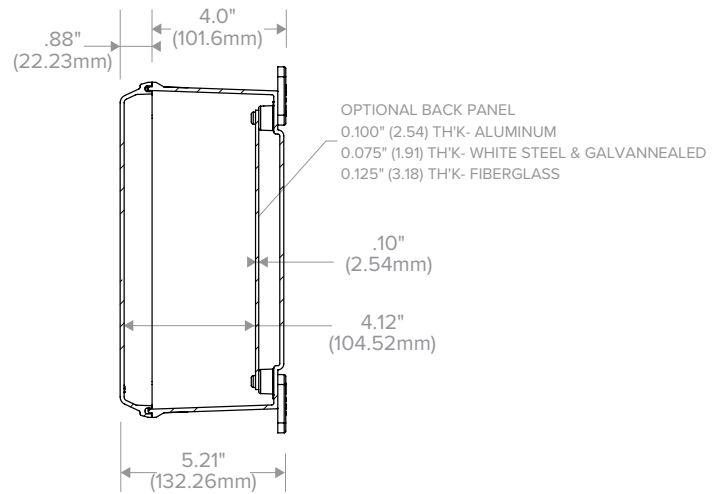
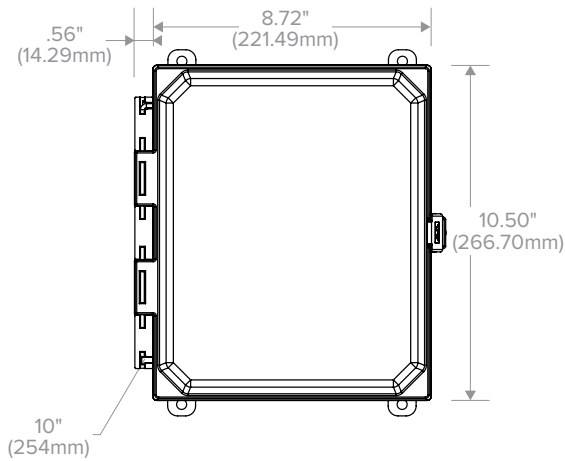
CATALOG #

WIR-GATEWAY3	Radio	Options
Housing		
WIR-GATEWAY3 wiSCAPE Gateway Generation 3	Blank 2.4 GHz 9 900 MHz ¹	Blank None CM Cellular Modem ² H Heater CMH Cellular Modem and Heater ²

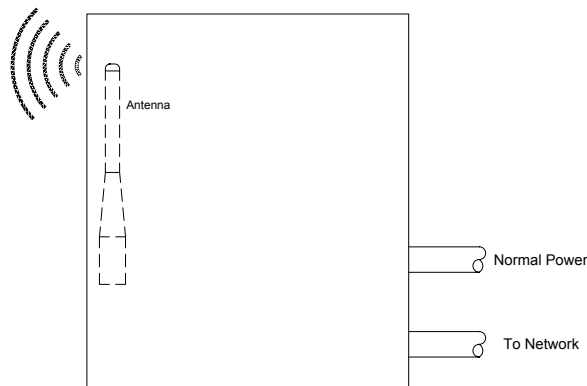
- Accessories**
- WIR-STPDNFXFMR-277** wiSCAPE Gateway Stepdown Transformer - 277V TO 120V
 - WIR-STPDNFXFMR-347** wiSCAPE Gateway Stepdown Transformer - 347V TO 120V

- Notes:
- 1 900 MHz Devices are MTO (Made To Order) - Contact Customer Service for Availability
 - 2 Cellular service plan not included

DIMENSIONS



WIRING DIAGRAM



Access Point Notes:

- 1 In order to access into the Gateway, the Gateway must be connected to power at all times and connected into the client's network.
- 2 Logging into the Gateway is done by using the wiSCAPE Software Suite via the clients network.
- 3 A Gateway is necessary when programming presets

wiSCAPE Gateway - WIR-GATEWAY3