

# UltraSync™ Modular Hub Wireless Expansion Module

UM-W7



## OVERVIEW

The UltraSync Modular Hub Wireless Expansion Module provides wireless 319.5 MHz sensor and keyfob capabilities to the UltraSync Modular Hub.

A single wireless module can support up to 192 wireless sensors and 64 keyfobs.

Multiple wireless receivers can be enrolled in the system to provide exceptionally large coverage capabilities and/or redundant reception for high-reliability installations.

Sensors are learned into the panel, not an individual receiver, for simplified installation, while “Smart Receiving” technology delivers the reliability and performance security dealers demand. In addition, two hardwired zones and one programmable relay are available for extra convenience.

## STANDARD FEATURES

- Designed exclusively for the UltraSync Modular Hub
- Supports 192 wireless sensors and 64 keyfobs
- Simple installation
- 319.5 MHz sensor and keyfob support
- Wall and cover tamper
- Two hardwired zones
- One programmable relay output
- Bus connected

# UltraSync™ Modular Hub Wireless Expansion Module

UM-W7

## Specifications

Compatibility	UltraSync Modular Hub
Voltage	7.75 – 15 VDC
Current* Average	40 mA (relay inactive)
Maximum/Alarm**	65 mA (relay active)
Sensor Capacity***	192
Keyfobs	64
Hardwired Zones	2
Relays	1
Data Bus	Encrypted RS-485 Supports length up to 2,600 ft. (800 m)
Screw Terminals	Accepts 16 – 30 AWG
Dimensions (W x H x D)	3.74 x 6.10 x 1.02 in. (95 x 155 x 26mm)
Storage Temperature	-30° to 140°F (-34° to 60°C)

### Operating Temperature

Non-UL/ULC Installations	14° to 131°F (-10° to 55°C)
UL/ULC Installations	32° to 120°F (0° to 49°C)

### Relative Humidity

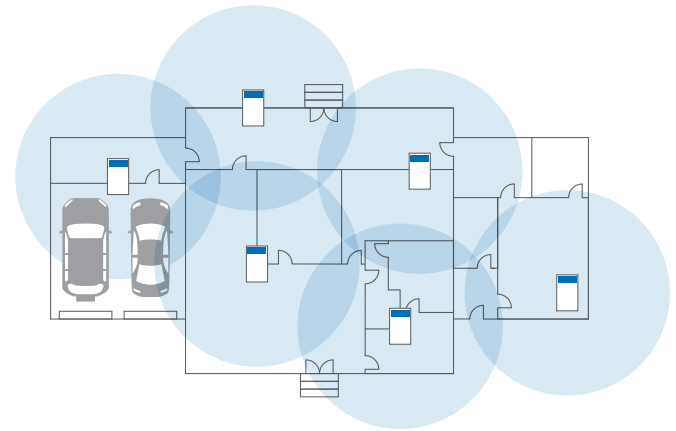
Non-UL/ULC installations	95% noncondensing
UL/ULC installations	85% noncondensing

Approvals/Listings	<p>FCC/IC</p> <ul style="list-style-type: none"> <li>UL-609 (Local burglar alarm units and systems)</li> <li>UL-636 (Holdup alarm units and systems)</li> <li>UL-365 (Police-connected burglar alarm units and systems)</li> <li>UL-985 (Household fire warning systems)</li> <li>UL-1023 (Household burglar alarm systems)</li> <li>UL-1076 (Proprietary systems)</li> <li>UL-1610 (Central station burglar alarm )</li> <li>UL-1635 (Digital alarm communicator systems)</li> <li>UL-1637 (Home healthcare signaling equipment)</li> </ul> <p>CA State Fire Marshal (CSFM)</p> <ul style="list-style-type: none"> <li>ULC-S303 (Local burglar alarm units and systems)</li> <li>ULC-S304 (CMS burglar alarm units)</li> <li>ULC/ORD-C1023 (Household burglar alarm units and systems)</li> <li>ULC-S545 (Residential fire)</li> <li>ULC/ORD-C1076 (Proprietary systems)</li> </ul> <p>SIA CP-01 2014</p>
--------------------	--

## Ordering Information

<b>UM-W7</b>	UltraSync Modular Hub Wireless Expansion Module
--------------	---

Delivering outstanding coverage, redundancy and flexibility.



- Seamless integration
- Simple installation
- Wireless flexibility
- Large coverage area
- Wireless reception redundancy

\*If hardwired sensor(s) are powered, from the UM-W7, sensor current must be included in the power budget calculations.

\*\*If relay is not programmed/active, current can be de-rated 25 mA. If positive switching is utilized, additional current draw of connected load must be included in power budget calculations.

\*\*\*Total panel capacity limited to 192 wireless sensors



interlogix.com

Specifications subject to change without notice.

© 2017 United Technologies Corporation.  
All rights reserved.

All trademarks are the property of their respective owners.  
Interlogix is part of UTC Climate, Controls & Security,  
a unit of United Technologies Corporation.

2017/02 (86103)