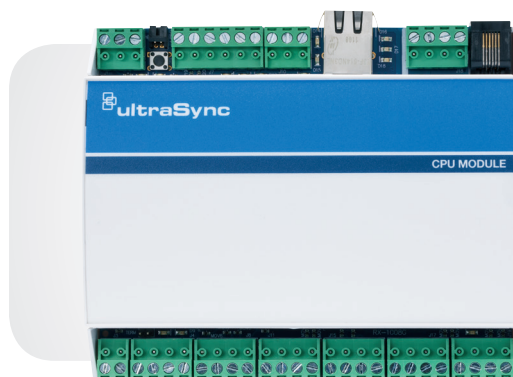


UltraSync™ Modular Hub

UM-5000-CPU



OVERVIEW

The UltraSync Modular Hub is a smart security system ideal for residential installations requiring hardwired and/or wireless intrusion systems, as well as light commercial applications. With advanced features, industry-leading functionality and user-friendly operation, it delivers complete, cost-effective security, life safety, video and smart device, and interactive control.

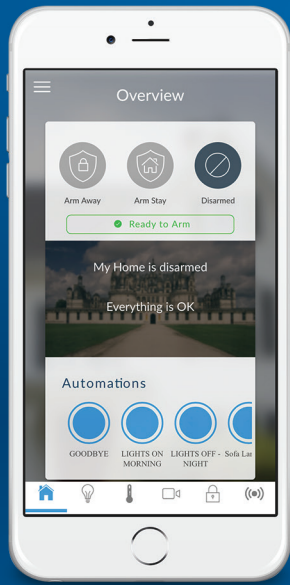
The UltraSync Modular Hub supports an optional Z-Wave® radio module, which lets users control Z-Wave lights, thermostats and locks via the UltraSync mobile application available for iOS® and Android® devices. Users can create up to 500 zones (192 wireless) of intrusion detection and life safety coverage, as well as 96 partitions to separately secure multiple areas of a property. And since it can support up to 256 users, the UltraSync Modular Hub has the flexibility to adapt to future security needs.

An integrated Ethernet port facilitates communication with a central monitoring station over a broadband connection, and an optional cellular module is available for backup or primary reporting. A PSTN dialer is also standard, providing the ultimate in communication flexibility.

As part of the UltraSync family of products, the UltraSync Modular Hub helps set a new industry standard for scalability and flexibility, enabling security installers to leverage a single platform for all their installation needs—from small, wireless-only projects to a 500-zone, combination hardwired and wireless intrusion system.

STANDARD FEATURES

- Compatible with UltraSync 7" TouchScreen
- Hardwired and wireless touchscreen support
- Base system supports eight hardwired zones and five outputs
- Optional zone expansion modules for additional hardwired zones
- Optional wireless expansion module for wireless sensor support
- Integrated 10/100 Ethernet port (RJ-45)
- Integrated PSTN dialer
- Optional cellular modem designed for failover or primary system communication
- Optional Z-Wave module
- Optional relay expansion modules for hardwired output control
- Native web server for programming flexibility from local or remote PC or smart devices
- Upload/download support with DLX 900
- Remote firmware upgrades
- UltraSync smartphone/tablet app for iOS and Android devices
- Integrated support for IP cameras, including viewing of live video and replay of captured alarm- or action-triggered video events
- Up to 500 hardwired zones
- 192 wireless sensors (optional)
- 64 keyfobs (optional)
- 96 partitions
- 256 users
- 16 cameras
- Color-coded keypad status bar for easy visual identification of system status
- Residential and commercial UL/ULC Burglary
- Residential UL/ULC Fire
- Seamless interface with MASrecv™
- Supports SIA and CID reporting formats
- Complies with FCC and Industry Canada regulations



The UltraSync™ Modular Hub delivers the optimal solution for homeowners, business owners and security professionals alike.

Secure

Communications between the hub and the monitoring station are encrypted, with all account information retained in the hub rather than the cloud. For added security, UltraSync features Rapid Pulse Entry Protection, which monitors the hub's connection during entry delay. If the connection is disrupted, an alarm is transmitted to the monitoring station.

Fast

All system intelligence, commands, processing and decision-making is done at the hub, making it fast and secure. Cloud-based servers are used only to transmit and direct mobile device communications back and forth with the hub.

Easy

System programming and configuration can be done locally or remotely using the UltraSync mobile app, web interface or DLX900 downloader, saving time and money by reducing truck rolls for service calls and system reconfiguration. Local programming and configuration are also supported via the keypad.

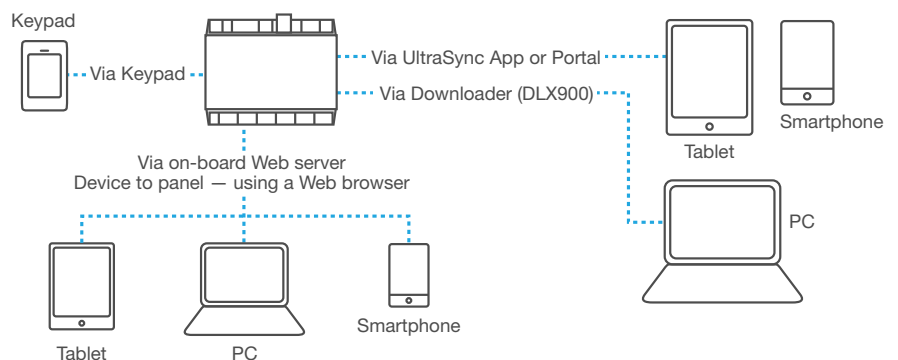
Convenient

Remote management capabilities and other convenience features are available through the UltraSync app, Z-Wave® device content, schedules and automations. One of UltraSync's most powerful features, automation scenes enable the system to perform multiple actions automatically as a result of trigger activation.

Multiple local and remote programming options provide customized configuration to accommodate different installations. UltraSync enables full remote system programming and device enrollment, reducing the need for truck rolls for scene and schedule creation, system adjustments or minor system add-ons.

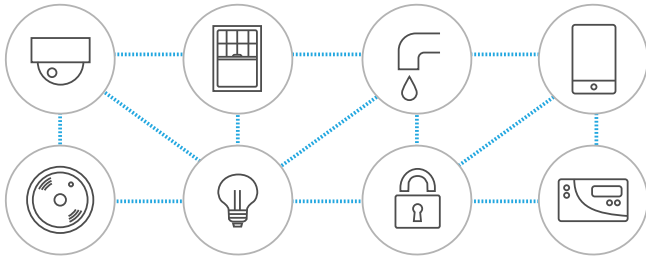
Local Programming

Remote Programming



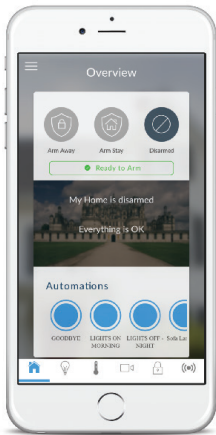
Smart security for the modern world

Designed with the needs of today's home and business owners in mind, UltraSync™ lets users remotely control and automate systems with hardwired relay control or Z-Wave® devices, keeping perfectly in sync with daily routines and changing schedules.



Optimal remote system management

The UltraSync app extends the programming and interactive features of the UltraSync Modular Hub beyond the home and business.



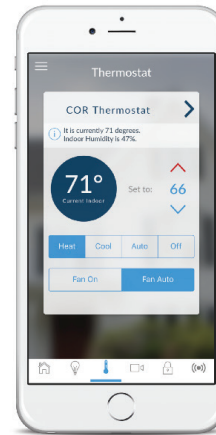
Overview

Arm/disarm the system, check status and trigger automation from virtually anywhere.



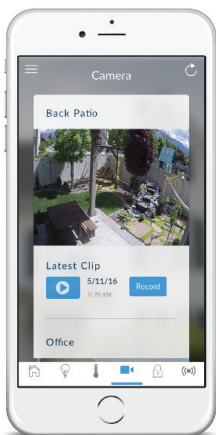
Lights

Come home to a safer environment by turning on lights prior to arriving.



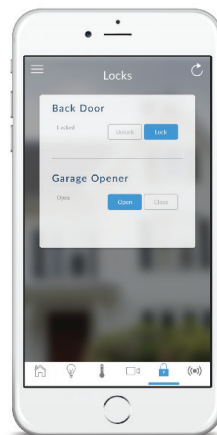
Thermostats

Remotely adjust thermostats to save energy and come home to the ideal temperature. Now compatible with Carrier's Cor™ thermostat.



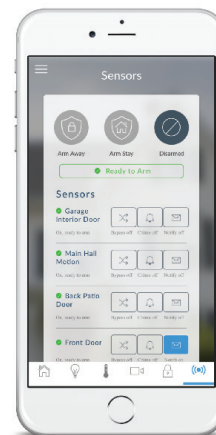
Cameras

View live streaming video and action-triggered video events from the convenience of a smartphone or tablet.



Door locks

Close the garage door from the comfort of your bed, or from your office, unlock a door to let a visitor into your home.



Sensors

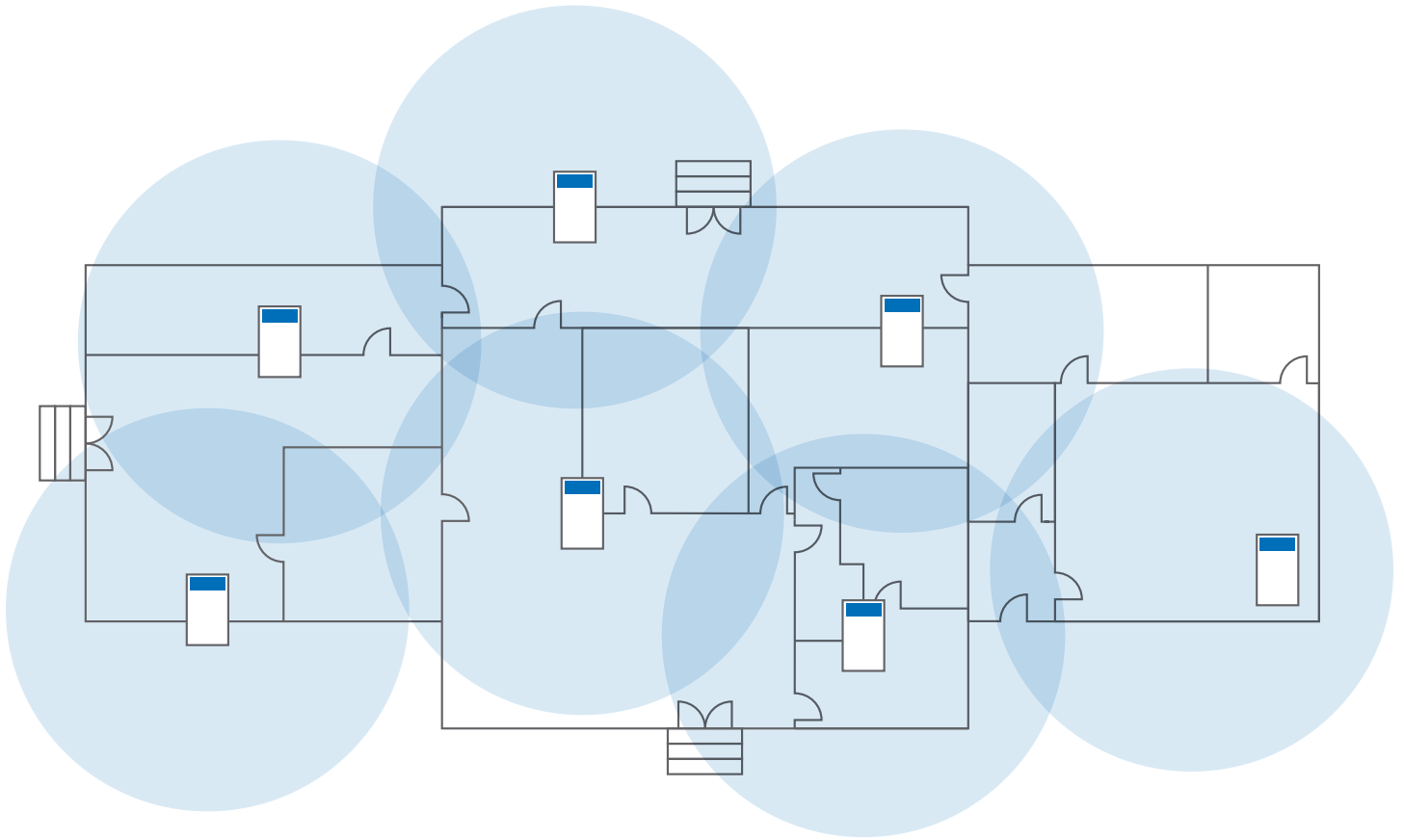
View the status of security and life safety sensors, and be alerted when selected devices are opened or activated.

Outstanding wireless flexibility

The UltraSync™ Modular Hub supports wireless sensors via the addition of one or more installer-friendly wireless expansion modules.

Quick & easy installation

Simply connect a wireless expansion module to the system bus and enroll the wireless module to learn wireless devices into the system. Sensors are learned into the panel, not individual receivers, to make installation even easier.



Large system coverage & reception redundancy

Wireless sensor transmissions can be received by any wireless receiver within range and then forwarded to the CPU over the encrypted bus. For high-reliability installations, two receivers can be installed near each other to provide redundant reception of wireless sensors in the event of a damaged receiver.

For a large installation area, multiple receivers can be distributed throughout the area to provide overlapping coverage. The only limitation on the number of wireless receivers that can be enrolled into a system is the maximum bus capacity.

Specifications

Hardwired Zones	Up to 500 total (3.3k EOL resistors)
Wireless Sensors	Up to 192, with optional wireless expansion module(s)
Outputs	5 x open collector
Users	256
Language	English
Communication/ Reporting	Ethernet 10/100 Mbps, RJ-45 PSTN dialer Cellular (optional)
Data Bus	Bus extension up to an additional 2,600 ft (800m) with the addition of a Smart Power Supply
Screw Terminals	Removable, accepts 16 – 30 AWG
RF Receiver	Frequency 319.5MHz Sensitivity -120 dBm
Operating Voltage	16 – 18 VAC, 18 – 26 VDC
Auxiliary Power	13.8 VDC +/- 0.2 V, 1 A max.
Auxiliary Shutdown	10 VDC
Current Draw	100 mA, CPU only
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

Approval Listings	FCC/IC UL-609 (Local burglar alarm units and systems) UL-636 (Holdup alarm units and systems) UL-365 (Police-connected burglar alarm units and systems) UL-985 (Household fire warning systems) UL-1023 (Household burglar alarm systems) UL-1076 (Proprietary burglar alarm units and systems) UL-1610 (Central station burglar alarm units) UL-1635 (Digital alarm communicator systems) UL-1637 (Home healthcare signaling equipment) CA State Fire Marshal (CSFM) ULC-S303 (Local burglar alarm units and systems) ULC-S304 (CMS burglar alarm units) ULC/ORD-C1023 (Household burglar alarm system units) ULC-S545 (Residential fire warning system control units) ULC/ORD-C1076 (Proprietary burglar alarm units and systems) SIA CP-01 2014
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Ordering Information

UM-5000-CPU	UltraSync™ Modular 500-Zone CPU with IP and PSTN
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Accessories

For the current list of compatible accessory items, download the latest UltraSync Modular Hub Product Ordering Guide at interlogix.com/intrusion/category/accessories

UltraSync™ Modular Hub

UM-5000-CPU

Smart devices for enhanced protection & convenience

The UltraSync Modular Hub supports a variety of security and lifestyle accessories, making it easy to customize systems to meet each user's needs and priorities.

Security



Keyfobs

X-E101



Door/Window Sensors

TX-E231



Motion Detectors

60-807-95R



Glassbreak Sensors

60-873-95



Video Cameras

TVW-3120



Environmental Sensors

TX-E611



7" Touch Screen

Secondary Touch Screen

Life Safety



Smoke and Heat Detectors

TX-6010-01-1



Carbon Monoxide Detectors

TX-6310-01-1

Smart Devices



Locks



Thermostats

13-CT32



Appliance/Lamp Modules

IS-ZW-AM-1
IS-ZW-LM-1



Lighting

IS-ZW-WR-1



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Specifications subject to change without notice.

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