

# Simon 3

Affordable, reliable security with Learn Mode technology

## OVERVIEW

Simon® 3 is a low-cost security panel that offers up to 24 zones of burglary and fire protection and complies with SIA False Alarm Standards. With a built-in touchpad and status speaker that provides voice messages for feedback, Simon 3 is well-suited for houses, apartments and condominiums.

The Simon 3 panel comes standard with 24 wireless zones, or can be set up with 22 wireless zones and two built-in hardwired supervised burglary zones (normally-closed loop only). The built-in radio receiver works with both Crystal and SAW Learn Mode sensors.

Use remote phone control to arm and disarm the system, check system status, activate no entry delay, or activate the latchkey feature. With latchkey capabilities, the panel can be programmed to notify customers if the system has not been disarmed at a scheduled time.

### Convenient and expandable

Add convenient system operation from anywhere within the premises with wireless touchpads. Choose from the Dialog 2-Way RF Touchpad or the 4-Button Keychain Touchpad. When powered by the optional line carrier transformer, adding X10® modules lets customers control lights, appliances and other devices. The Dialog RF Electronic Thermostat provides a money-saving and convenient way to monitor and control temperatures by integrating heating and cooling features into a security system.

### Enhanced monitoring

Simon 3 can send messages to a central monitoring station using SIA or contact ID (CID) formats, or to a numeric pager carried by a designated user. The panel can also report alarms to another land-line phone location or cell phone using Voice Event Notification. Built-in 2-way voice capability with VOX (voice-activated switching) provides additional security and emergency contact with the central monitoring station (60-875-11-3 only).



### Effortless programming

System programming can be done from the panel using the built-in touchpad, or off-site using ToolBox® downloader software (version 5.4 and later).

## STANDARD FEATURES

- 24 wireless zones— two can be hardwire (normally-closed loop only)
- Supports both Crystal and SAW Learn Mode sensors
- Supports repeaters
- Supports Dialog 2-Way RF products
- Indoor and outdoor motion sensors
- Chime feature for monitoring door, window or motion activity
- 1 master access code and 5 programmable user access codes of 3 to 6 digits
- SIA or CID central station reporting formats and Voice Event Notification reporting
- Program No Activity and No Usage Report features
- Built-in 2-way voice with VOX (model 60-875-11-3 only)
- Meets SIA False Alarm Standards
- 100-event buffer with time and date stamp
- Disable panel voice and beeps
- Program panel with built-in touchpad or ToolBox software
- Optional table-mounting base

# Simon 3

North America  
T 855-286-8889

Latin America  
T 561-998-6114

Affordable, reliable security  
with Learn Mode technology

## Specifications

### Electrical

Required transformer	Class II, 9VAC, 700mA, 60 Hz (60-898-ITI; 22-109-CN in Canada) or Class II 9VAC, 700mA, 60 Hz Power Line Carrier (60-913; 22-129-CN in Canada)
Fuse	Non-replaceable transformer fuse
Backup batteries	6VDC, 1.2Ah lead acid (60-914)
Backup time	24 hours (fully charged)
Battery test	10 seconds under load every 4 hours

### Radio receiver

Type	AW-Controlled Superheterodyne
Frequency	319.5MHz / Bandwidth 350 kHz
Sensitivity	110 dBm nominal
Nom. range	500 ft. (240 m) open-air receiving range

### Telephone/Modem

Dialing	DTMF or pulse
Modem	Modified Bell 103 (110 or 300 bps)
Telephone interface	Lines seizure relay

### Inputs/Outputs

Total input zones	24 or 22 wireless and 2 hardwire (normally-closed loop only)
Auxiliary power	Unregulated 5.1 to 12VDC; power-limited to 250mA (maximum) @ 10VDC
Siren outputs	1 Hardwire Interior Siren and 1 Hardwire Exterior Siren output (5.1 to 12VDC)

### Microprocessor

Processor type	Mitsubishi M30620FCAFP / Processor Clock 16MHz
System ROM	32 KB / System RAM 3 KB
Memory retention	Unlimited duration (4 Mbit Flash)

### Digitized Voice

Digitization type	Continuous Variable Slope Delta (CVSD) Modulation
Playback rate	88,200 bits/second
Vocabulary size	212 words (approximately 90 sec.)

### Environmental

Operating temperature	32°F~122°F (0°C~50°C)
Relative humidity	90% max., noncondensing

### Physical

Color	Belgian Gray
Dimensions (LxWxD)	7.5 x 6.75 x 1.5 in. (191 x 171.5 x 38 mm)
Weight, without battery	1.0 lb. (454 g)
Installation	Wall and table mount
Construction, chassis	ABS

### Regulatory

FCC	Part 15, Part 68
UL	985, 1023, 1635/ULC Listing ORD-C1023-19074, ULC-S545-M89
CSFM	California State Fire Marshall

## Ordering Information

<b>80-632-3N</b>	Simon® 3 Starter Package w/o X10
<b>80-632-3X</b>	Simon 3 Starter Package w/X10

## Accessories

<b>60-362N-10-319.5</b>	Crystal Door/Window Sensor, White
<b>60-670-95R</b>	SAW Door/Window Sensor, White
<b>60-741-95</b>	Recessed Crystal Door/Window Sensor, White
<b>60-688-95</b>	Micro Crystal Door/Window Sensor, White
<b>60-807-95R</b>	Indoor Wireless SAW Passive Infrared (PIR) Sensor w/Pet Immunity
<b>60-652-95</b>	Carbon Monoxide Sensor
<b>60-742-95R</b>	SAW Freeze Sensor
<b>60-744-95R</b>	SAW Water Sensor
<b>TX-6010-01-1</b>	Wireless Smoke Detector
<b>60-924-3-01</b>	Touchtalk Interactive Keypad
<b>600-1064-95R</b>	4-Button Micro Keypad



interlogix.com

Specifications subject to change without notice.

© 2014 United Technologies Corporation.

All rights reserved.

Interlogix is part of UTC Building & Industrial Systems,  
a unit of United Technologies Corporation.

302-3632 2014/03 (73742)