

## Features- S02

- System can hold up to 99 sensors
- Expandable with additional sensors, detectors, smoke alarms, etc.
- Tactile keypad with physical and audible feedback
- Four digit customize passcode locks keypad and is required to disarm alarm
- LCD display panel which shows zone number when alarm is triggered
- Remote arm, disarm, audio monitoring by phone
- System automatically calls up to six numbers sequentially when the alarm is triggered (using a land line or VoIP phone service, such as MagicJack, Ooma, BasicTalk, etc.)
- Record your own 10 second message that plays when alarm is triggered and numbers are called
- Mic jack/speaker for remote monitoring (listening in to your main panel location)
- Telephone line cut warning
- Pass through telephone jack
- Fully programmable home (armed without delay, motion sensors disabled) and away armed modes (short delay before arming, motion sensors enabled)
- Each zone can be independently armed, disarmed, delayed, etc.
- Main Panel has 72 hour lithium backup battery
- Motion sensors cover 110 degrees and have a 20 foot range
- All sensor batteries last 1-2 years
- Sensor light illuminates to indicate low battery
- Sensor range from panel is up to 250 feet
- Wireless siren range from panel is up to 80 feet
- Configurable delays after arming alarm (provides time to exit building) and time to disarm (provides time to enter passcode before alarm sounds)
- Remote fobs enable arming and disarming without password, enabling home mode, and panic
- Chime can be enabled for sensors in disarm mode
- Optional emergency zones that instantly trigger the alarm even when disarmed—ideal for accessories such as smoke alarms
- Alarm siren duration configurable from 00 (silent) to 30 minutes
- Antennas on panel and sensors can be extended to enable extreme distances from main panel

## Technical Specifications

Main Unit

Power Supply:

AC: 220V±10% DC: 9V [US 110-120V AC]

Rechargeable Backup Battery: Ni-MH DC=7.2V

Working Current: ≤50mA

Alarm Current: ≤300mA

Wireless Receiving Frequency: 433MHz±0.5MHz

Wireless Receiving Sensitivity: 5mV/m

Anti-jamming Intensity: 1V/m (frequency range: 20-1000 MHz)

Outside Alarm Siren: <110db

Working Condition: Temperature: 14-104F, Relative Humidity ≤ 90%

#### Wireless Door/ Window Sensor

Battery: 12V 23A

Static Current:  $\leq 20\mu\text{A}$

Transmission Current:  $\leq 15\text{mA}$

Transmission Frequency:  $433\text{MHz} \pm 0.5\text{MHz}$

Wireless Range: (No obstacle) 150feet

Transmitter/Magnet Gap Distance: 1/2 Inch

Working Condition: Temperature 14-104F, Relative Humidity  $\leq 90\%$

#### Wireless PIR Motion Detector

Battery: DC 9V

Static Current:  $\leq 100\mu\text{A}$

Transmission Current:  $\leq 20\text{mA}$

Transmission Frequency:  $433\text{MHz} \pm 0.5\text{MHz}$

Wireless Range: (No obstacle) 650 feet

Detection Speed: 1-10ft/sec

Detection Distance: 15ft to 25 ft

Detection Range: Horizontal  $110^\circ$  Vertical  $60^\circ$

Working Condition: Temperature 14-104F, Relative Humidity  $\leq 90\%$

#### Remote Controller

Power Supply: DC 12V (built-in 12V battery)

Static Current: 0

Transmission Current: 15mA

Transmission Frequency:  $433 \pm 0.5\text{MHz}$

Wireless Range: (No obstacle) 150 feet

Working Condition: Temperature 14-104F, Relative Humidity  $\leq 90\%$

Additional sensors like smoke detector, Gas leak detector, shutter or glass breaking sensor, outdoor sirens etc also available