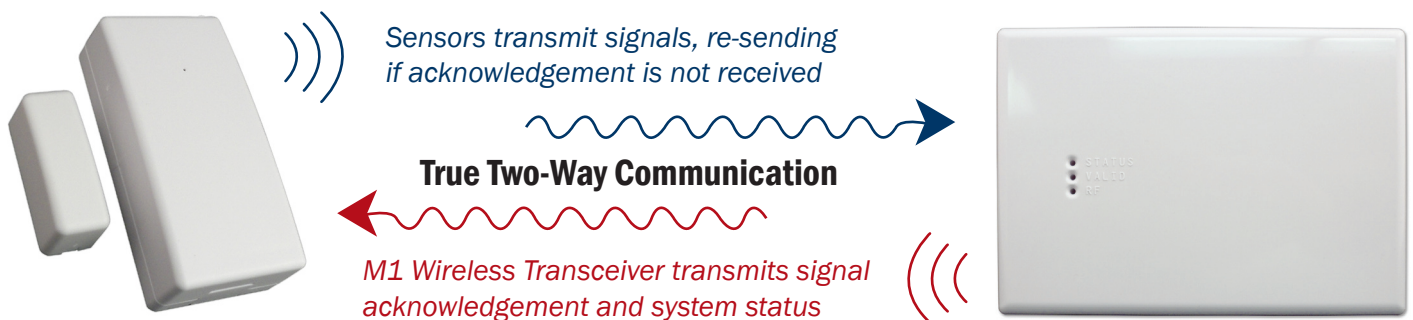# Two-Way Wireless Technology

ELK's industry leading two-way wireless technology for the M1 Control revolutionizes the reliability and functionality of wireless peripherals for homes and businesses.

- True two-way signal acknowledgement

- Assures installation confidence through signal quality and status LED indicators

- Constantly monitors and adjusts ideal RF power level to deliver clear signal while maximizing battery life

- Utilizes 900 MHz frequency-hopping spread spectrum to increase signal diversity and agility to make sure that signal gets through

Let ELK's two-way wireless technology increase your profits through faster installation, simplified troubleshooting and fewer service calls.

Sensors transmit signals, re-sending if acknowledgement is not received

True Two-Way Communication

M1 Wireless Transceiver transmits signal acknowledgement and system status

The ONLY Way is Two-Way!

ELK Two-Way Wireless Transceiver for M1 Controls

The M1XRFTW two-way wireless transceiver allows an M1 Gold or M1EZ8 control to accept Elk's complete line of two-way wireless sensors.

- Allows up to 144 individual wireless zones (sensors/points)
- Operates from the 4 wire RS-485 Data Bus
- Multiple receivers may be connected to a single M1 or M1EZ8 control for redundancy and greater coverage
- Flash memory for firmware updates

- Operating Frequency: 902 Mhz to 928 Mhz
- Sensitivity: >105 dbm
- Operating Temperature: 0 to +120 degrees F
- Operating Voltage: 12 Volts D.C.
- Current Draw: 25mA receiving, 85mA transmitting
- Housing Dimensions: 6.75" x 4.69" x 1.13"

ELK-M1XRFTW

Compatible Wireless Sensors for the ELK Two-Way Wireless Transceiver

PIR Motion Sensor

NEW PRODUCT!

This wireless PIR motion detector is ideal for residential and light commercial installations and incorporates innovative features to ensure reliable performance and convenience.

- Ease of installation with keypad initiated walk test
- Industry First Security/Convenience Light with:
  - Momentary motion activation during walk test
  - Flashing during audible alarm activation
  - Programmable "on" activation through M1 Rules
    - Illuminate an area for camera assistance during event
    - Temporary night path lighting
- Two selectable sleep mode durations
- Adjustable pulse count helps eliminate false alarms

- Selectable coverage range
- High quality dual element Pyroelectric sensor
- 902 Mhz - 928 Mhz frequency hopping
- (2) lithium batteries CR123A (typical life: 7 years)
- Size: 2.8"W x 4.4"H x 1.9"D

Available Models:
ELK-6030   Wireless PIR Motion Sensor
ELK-6030P Wireless PIR Motion Sensor with Pet Immunity (up to 40 lbs)

Four Button Keyfob

This wireless key chain remote (FOB) provides 4 push buttons and LED feedback indicator. From the remote it is possible to arm, disarm, check status, and trigger a panic alarm.

- Status inquiry button & LED indicator provide arm, disarm, and alarm memory status
- 902 Mhz - 928 Mhz frequency hopping
- Size: 1.37"W x 2.44"L x .52"D
- Welded case for enhanced water resistance, non-replaceable battery (typical life: 5 years)

ELK-6010

Slim Line Door & Window Sensor

This slim wireless door & window sensor is ideal for door and window applications.

- One built-in reed switch
- Front and back tamper option
- 902 Mhz - 928 Mhz frequency hopping
- Maximum operating gap of reed: 1/2"
- 3.6V ER14250 lithium battery (typical life: 7 years)
- Size: .71"W x 3.4"L x .8"D
  Magnet: .57"W x 1.5"L x .6"D

ELK-6020

Mini Window Sensor

This exceptionally thin wireless window sensor is perfect for double hung and casement style wood/vinyl windows.

- One built-in reed switch
- 902 Mhz - 928 Mhz frequency hopping
- Maximum operating gap of reed: 3/8"
- 3V CR2032 lithium battery (typical life: 3 years)
- Size: 1.1"W x 2.3"L x .25"D
  Magnet: .37"W x 2.3"L x .25"D

ELK-6021

Universal 3-Zone Sensor

This universal sensor has 1 built-in reed switch plus 2 external closed circuit zone inputs which allows it to secure up to 3 doors, windows, etc.

- One built-in reed switch
- Two zone inputs for external contacts
- Front and back tamper option
- 902 Mhz - 928 Mhz frequency hopping
- Maximum operating gap of reed: 1/2"
- 3V CR123A lithium battery (typical life: 7 years)
- Size: 1.5"W x 3"L x .9"D
  Magnet: .57"W x 1.5"L x .6"D

ELK-6022

Coming Soon -- ELK two-way smoke detector, glass break sensor, water sensor, temperature sensor, sounder, and more!

ELK PRODUCTS

For more information, visit www.elkproducts.com