



# EL-2650XL Wireless Curtain/Directional Curtain Detector

Electronics Line 3000 Ltd.

## Release Notes

### Technical Specifications

#### Antenna

Built-in Internal Whip

#### Frequency

418MHz, 433.92MHz, or 868.35MHz FM

#### Power

3.6V 1/2 AA Lithium Battery

#### Current Consumption

30mA (transmission)

20µA (standby)

#### Pyroelectric Sensor

Quad element

#### Maximum Range

9m , 29.5'

#### Operating Temperature

-20° to 60°C (-14°-140°F)

#### Fire Protection

ABS plastic housing

#### RFI Immunity

10V/m

#### LED Indicator

Jumper selectable

#### Dimensions

90 x 50 x 40mm

### Ordering Reference

5101120 - EL2650XL 418MHz

5101110 - EL2650XL 433MHz

5100980 - EL2650XL 868MHz

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Electronics Line 3000 is pleased to announce the release of its advanced, fully supervised, **EL-2650XL Wireless Curtain/Directional Curtain Detector - available now**. Utilizing our patented Motion Vector Analysis technology the EL-2650XL provides maximum agility and freedom of movement within the protected area.

The EL-2650XL is a wireless PIR detector that is able to distinguish between permitted and non-permitted motion. The EL-2650XL has two selectable operation modes: Curtain and Directional.

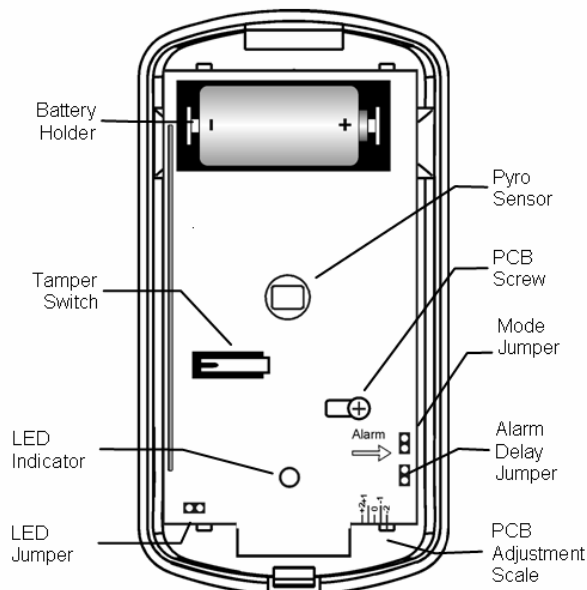
The EL-2650XL analyzes the sequence in which the detected signal pulses appear, recognizing the direction from which the protected area has been entered. For example, if a person inside approaches a sliding door protected by an EL-2650XL, the system will recognize this as "permitted" motion and will not trigger an alarm. If, however, the EL-2650XL senses motion from outside the door moving into the protected premises, it will trigger an alarm following "non-permitted motion."

The EL-2650XL provides a unique delay feature, allowing movement from the protected area outside and back within a pre-defined time period. Therefore, if a person leaves the protected area and then re-enters within the set time limit, an alarm will not sound.

The EL-2650XL also implements a feature to combat the problem of multiple transmissions which drastically reduce battery life. After a transmission is made, the EL-2650XL initiates a delay of approximately four minutes during which transmissions will not be sent.

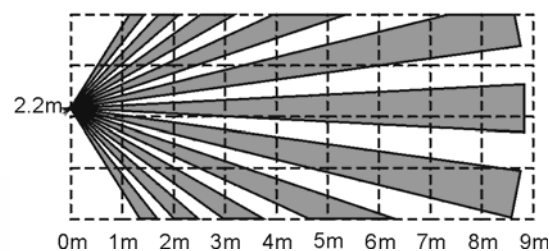
### Main Features

- 9m solid curtain coverage
- Selectable curtain/directional curtain detection
- Microcontroller based signal processing
- Quad element
- PIR technology
- Selectable alarm delay
- Bi-color led - separate color for each direction
- Ceiling or wall mount



### Lens Patterns

#### Side View – Wall Mount



#### Side View – Ceiling Mount

