



Electronics Line 3000 Ltd

# EL-2643 Wireless PIR Detector

## Release Notes

### Technical Specifications

- Antenna**  
Built-in internal whip
- Frequency**  
868.35, 433.92, 418 or 315MHz FM
- Operating Voltage**  
9 - 16VDC
- Power**  
3.6V ½ AA Lithium Battery
- Current Consumption**  
30mA (alarm)  
10µA (standby)
- Pyroelectric Sensor**  
Dual element
- Maximum Coverage**  
14m x 14m
- Pulse Count**  
1, 2, 3 or Adaptive (selectable)
- LED Indicator**  
Selectable
- RFI Immunity**  
10V/M
- Operating Temperature**  
-20° to 60°C
- Fire Protection**  
ABS Plastic Housing
- Dimensions**  
104 x 64 x 50mm
- Adaptive Temperature Compensation**

- Ordering Reference**  
EL2643 PIR 868MHz 5100993  
EL2643 PIR 433MHz 5100994  
EL2643 PIR 418MHz 5100995

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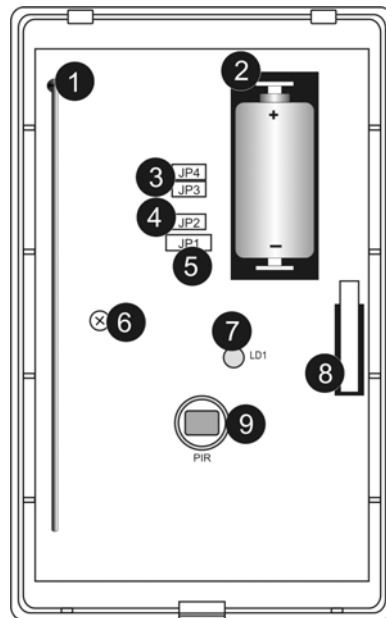


Electronics Line 3000 is pleased to announce the release of its new EL-2643 Wireless PIR Detector, available now.

This new detector has been uniquely designed to work with the Electronics Line 3000 Stand Alone Receiver, making it a low cost option designed to enable upgrading wired control systems. This offers users the robustness of a wired control system with the hassle-free installation of a wireless detector.

The EL-2643 also incorporates a unique feature to combat the problem of multiple transmissions which reduce battery life. After each detection, the EL-2643 initiates a four-minute delay during which transmissions are not sent, ensuring a longer battery life.

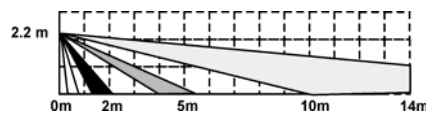
### Main Features



1. Antenna
2. Battery Holder
3. Pulse Count Jumpers
4. LED Jumper
5. Mode Jumper
6. PCB Screw
7. LED Indicator
8. Tamper Switch
9. Pyro Sensor

### Lens Patterns

Side View



Plan View

