

## WRF

### Wireless Receiver for the **FORCE** and **FORCE Lite** Alarm Systems



The WRF is a wireless receiver that allows transforming the **FORCE** and **FORCE Lite** intruder alarm systems into hybrid systems. The receiver is designed to transmit and receive transmissions from PIMA's wireless detectors and peripherals and route them to and from the control panel over the control panel's bus.

The WRF can alert on jamming, and has a back tamper switch.

PIMA Electronic Systems' portfolio includes a wide selection of hardwired and wireless detectors, sensors and sirens for both security and safety purposes. Our products are developed with uncompromising quality, ease of installation, and operation experience.

PIMA's wireless detectors integrate the FastLink technology, an advanced wireless detection technology using true, 128-bit AES encryption that ensures maximum wireless security.

PIMA's detectors are a perfect solution for the business as well as for the home markets.

The **FORCE** and **FORCE Lite** alarm systems interface with a wide selection of receivers and peripherals, enabling the customer to expand the system as needed.

### Main features

- Supports up to 64 zones/key fobs
- Connects to the control panel over the bus
- Supports all PIMA peripherals
- Wall and cover tamper switch
- Compact design
- 3 status indication LEDs

### Technical Specifications

- Transmission:
  - Frequency (MHz):
    - WRF143: 433.92
    - WRF187: 868.95
  - Output: 10mW
  - Bandwidth: 100KHz
  - Modulation: FM
- One-way
- Operating input voltage: 9-15VDC
- Standby current drain: 50mA
- Range: 500m in open space<sup>1</sup>

<sup>1</sup> Walls or metal may reduce actual operating range

- Dimensions: 15 X 12 X 3 cm
- Weight: 200gr
- CE compliance
- Operating temperature: -10 to +50 °C
- Humidity (max.): 93% R.H., non-condensing.

## Ordering Information

- WRF143 P/N: 8500030
- WRF187 P/N: 8500041



For product information  
[www.pima-alarms.com](http://www.pima-alarms.com)

All rights reserved © 2019 Pima Electronic Systems Ltd.

Manufactured by:

PIMA Electronic Systems Ltd.

5 Hatzoref Street, Holon 5885633, Israel

Tel: +972.3.6506414

Fax: +972.3.5500442

Email: [support@pima-alarms.com](mailto:support@pima-alarms.com)

Doc no. SPC-8500030, Revision: 10-2019