



# FA216H / FA216L

Frequency Agile® 900MHz  
Temperature Threshold  
Detection Transmitter

## Installation Instructions 02259C

### Important Notes

- ▲ These products are designed to be installed and maintained by professional security technicians.
- ▲ Products, unless specifically noted, are intended for indoor use.
- ▲ Manually test all products regularly.

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### Overview

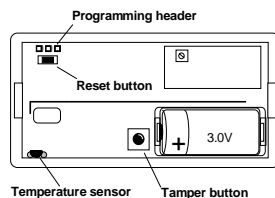
The FA216H and FA216L are standard format Inovonics transmitters designed to detect high or low temperature levels, respectively. These levels are factory-set to target temperatures. An alarm will trigger if the ambient temperature reaches the pre-set temperature. The transmitter remains in alarm until the temperature returns to normal range. A restoral signal is then sent to the receiver.

The FA216H is pre-set to alarm at 135°F (57.2°C).

The FA216L is pre-set to alarm at 43°F (6.1°C).

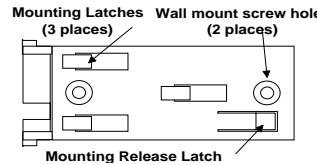
### FA216H / FA216L Programming

1. Connect cable from programming device to programming header on transmitter.
2. Press Reset button on transmitter.
3. Disconnect cable.

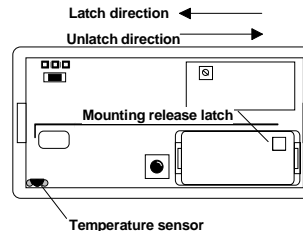


### Mounting the FA216H / FA216L

1. Use screws provided to mount back plate on wall.
2. Fit FA216 over latches and slide housing toward corner tabs to lock.



3. To dismount the FA216, remove the battery and depress **release latch** while sliding housing off backplate.



### WARNING

- **FA216H and FA216L are not life safety devices and are specifically NOT INTENDED FOR FIRE DETECTION. The intended use is to monitor ambient air for approximate temperatures above or below the specified thresholds and to provide a means of warning of such excursions.**
- **Temperature rate of rise is not monitored.**
- **For optimal performance, be sure that airflow around the FA216 is not obstructed or blocked.**
- **Be careful to protect the temperature sensor when the housing is open.**

Fold line indicator:

Cut line indicator:

### FA216H / FA216L Specifications

Program external contacts: N/O  
High / Low temperature thresholds: 135°F / 43°F (±4°F)  
(57°C / 6°C) (±2.2°C)  
Typical battery life: 4 years  
Battery type: 3.0V lithium (Duracell DL123A)  
(Battery is always supervised)

**NOTE: FA216H and FA216L transmitters retain programming data in non-volatile memory. They do not require reprogramming after loss of power. Install new battery, then press reset button to re-initialize the transmitter and restore programming.**

## Warranty & Disclaimer

Inovonics Wireless Corporation ("Inovonics") warrants its products ("Product" or "Products") to conform to its own specifications and to be free of defects in materials and workmanship under normal use for a period of twenty-four (24) months from the date of manufacture. Within the warranty period Inovonics will repair or replace, at its option, all or any part of the warranted product. Inovonics will not be responsible for dismantling and/or reinstallation charges. To exercise the warranty, the User ("User", "Installer" or "Consumer") must be given a Return Material Authorization ("RMA") Number by ti Inovonics. Details of shipment will be arranged at that time.

This warranty does not apply in cases of improper installation, misuse, failure to follow installation and operating instructions, alteration, abuse, accident or tampering, and repair by anyone other than Inovonics.

This warranty is exclusive and expressly in lieu of all other warranties, obligations or liabilities, whether written, oral, express, or implied, including any warranty of merchantability or fitness for a particular purpose. Inovonics will not be liable to anyone for any consequential or incidental damages for breach of this warranty or any other warranties.

This warranty will not be modified, varied or extended. Inovonics does not authorize any person to act on its behalf to modify, vary or extend this warranty. This warranty will apply to Inovonics Products only. All other products, accessories or attachments used in conjunction with Inovonics equipment, including batteries, will be covered solely by their own warranty, if any. Inovonics will not be liable for any direct, incidental or consequential damage or loss whatsoever, caused by the malfunction of Product due to products, accessories, or attachments of other manufacturers, including batteries, used in conjunction with Inovonics Products.

This warranty does not warrant the replacement of batteries that are used to power Inovonics Products.

The User recognizes that a properly installed and maintained security system may only reduce the risk of events such as burglary, robbery, personal injury and fire. It does not insure or guarantee that there will be no death, personal damage and/or damage to property as a result. **Inovonics does not claim that the Product may not be compromised and/or circumvented, or that the Product will prevent any death, personal and/or bodily injury and/or damage to property resulting from burglary, robbery, fire or otherwise, or that the Product will in all cases provide adequate warning or protection.**

**Inovonics shall have no liability for any death, injury or damage, however incurred, based on a claim that Inovonics Products failed to function.**

However, if Inovonics is held liable, directly or indirectly, for any loss or damage arising under this limited warranty or otherwise, regardless of cause or origin, Inovonics' maximum liability will not in any case exceed the purchase price of the Product, which will be fixed as liquidated damages and not as a penalty, and will be the complete and exclusive remedy against Inovonics.



**Warning:** The User should follow all installation, operation and maintenance instructions. The User is strongly advised to conduct Product and systems tests at least once each week. Changes in environmental conditions, electric or electronic disruptions and tampering, may cause the Product to not perform as expected.



**Warning:** Inovonics warrants its Product to the User. The User is responsible for exercising all due prudence and taking necessary precautions for the safety and protection of lives and property wherever Inovonics Products are installed. Inovonics strongly advises the User to program Products to be supervised whenever used in applications affecting life safety. Users are warned that unsupervised devices are subject to undetected failure due to malfunction, battery failure, tampering, or changes in environment.