

# 1107-WINT WIRELESS MICRO WINDOW TRANSMITTER

## Installation Guide

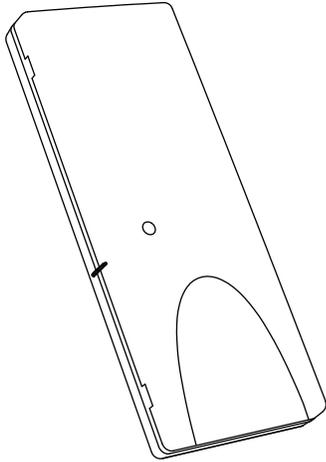


Figure 1: 1107-WINT Housing

### DESCRIPTION

The 1107-WINT Micro Window Transmitter is a low-profile 1100INT Series International transmitter that can be used on windows. It is powered by a 3.0V coin cell battery and contains a single reed switch.

### Compatibility

All DMP 1100INT Series International Wireless Receivers and international burglary panels.

### What is Included?

- 1107-WINT Wireless Micro Window Transmitter
- One magnet with a standard and a commercial housing
- One CR2430 3.0V coin cell lithium battery
- Double-sided tape



## 1 PROGRAM THE PANEL

When programming the 1107-WINT in the panel, refer to the panel programming guide as needed.

1. In **ZONE INFORMATION**, enter the wireless **ZONE NO.**
2. Enter the **ZONE NAME**.
3. Select **NT** (Night) as the **ZONE TYPE**.
4. Select the **AREA**.
5. At the **NEXT ZONE** prompt, select **NO**.
6. Select **YES** when **WIRELESS?** displays.
7. Enter the eight-digit **SERIAL#** and press **CMD**. See Figure 2 for the serial number location.
8. Enter the **SUPRVSN TIME** and press **CMD**.
9. At the **NEXT ZN?** prompt, select **YES** if you are finished programming the zone. Select **NO** if you would like to access additional programming options.

## 2 INSTALL THE BATTERY

After the transmitter has been programmed into the panel, install the battery. Use a 3.0V lithium battery, DMP Model CR2430, or the equivalent battery from Sony or Murata. Keep in mind, when setting up a wireless system, program zones and connect the receiver before installing batteries in the transmitters.

1. Insert a small screwdriver into each notch in the housing cover and lift until the cover comes off. Do not twist the screwdriver.
2. Observing polarity, place the battery in the holder with the positive (+) side up. Press it into place. See Figure 2 for the battery location.

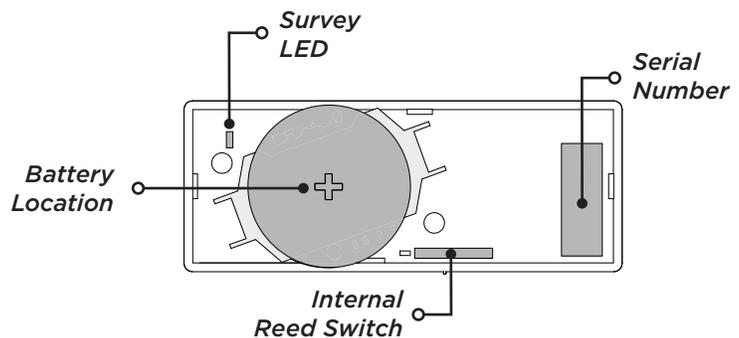


Figure 2: Battery Location and PCB Features

# 3 SELECT A LOCATION

The 1107-WINT provides a survey capability to allow one person to confirm communication with the wireless receiver or panel while the cover is removed. This allows you to easily determine the best location for the 1107-WINT. Be sure to choose a location away from large metal objects.

1. Hold the 1107-WINT transmitter and the included magnet in the exact desired location.
2. Move the magnet away from the transmitter to send data to the receiver and determine if communication is confirmed or faulty. See Figure 2 for the LED location.

- ✓ **Confirmed:** If communication is confirmed, the survey LED turns on when data is sent to the receiver and off when acknowledgement is received.
- ✗ **Faulty:** If communication is faulty, the LED remains on for up to 8 seconds or flashes multiple times in quick succession. Relocate the 1107-WINT or receiver until the LED confirms clear communication. Proper communication between the 1107-WINT and receiver is verified when the LED blinks immediately on and immediately off each time the magnet is removed.

# 4 MOUNT THE 1107-WINT TRANSMITTER

Mount the 1107-WINT and magnet no more than 1/2" apart. When mounting on metal (ferrous) surfaces, this distance is slightly less. DMP recommends mounting the transmitter on the window frame and the magnet assembly on the window.

1. Hold the transmitter base in place with the reed switch alignment marker near where the magnet assembly will be mounted. See *How to Align the Transmitter and Magnet Assembly* for more information.

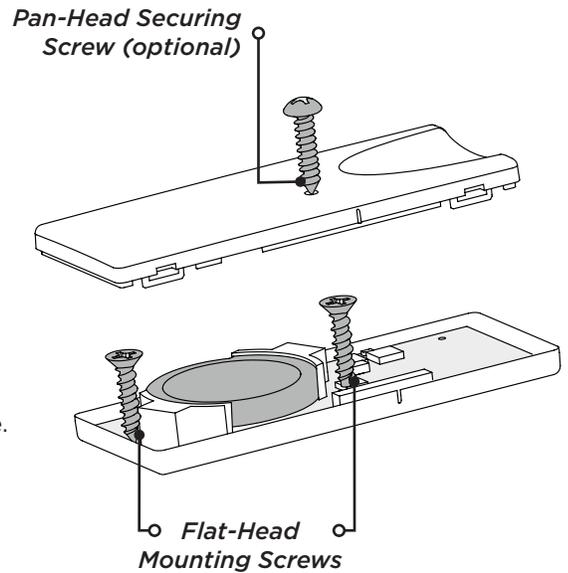


**Note:** Do not remove the PCB from the housing during installation.

2. Place the two supplied #4 flat-head screws into the mounting holes to secure the housing base to the surface. See Figure 3.
3. Replace the cover.

For environments where the cover could be dislodged, the optional #4 pan-head securing screw can be used instead of the center flat-head screw to secure the entire transmitter and cover to the mounting surface. See Figure 3.

For even quicker installations, use the included double-sided tape instead of the screws to attach the housing to the mounting surface.

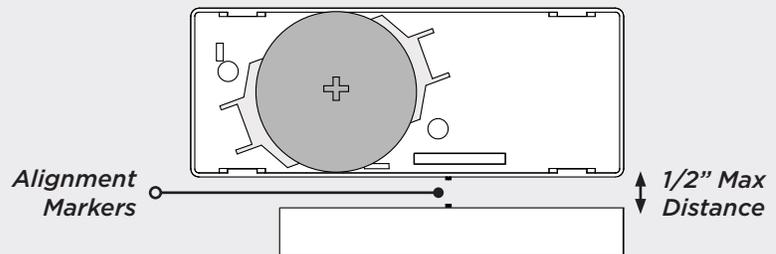


**Figure 3: Mounting Hole Locations**

## HOW TO ALIGN THE TRANSMITTER AND MAGNET ASSEMBLY

When you mount the transmitter and magnet assembly, use the alignment markers to ensure that the transmitter's internal reed switch is lined up with the magnet.

There should be no more than a 1/2" inch of space between the transmitter and the magnet assembly.



# 5 MOUNT THE MAGNET ASSEMBLY

Only one magnet assembly is required for internal reed switch operation. Depending on the installation requirements, you can use either the standard or commercial magnet assembly.

## Standard Magnet Assembly

1. Place the magnet assembly base on the surface nearest the transmitter's internal reed switch location. Be sure to align the markers on the transmitter and magnet assembly.
2. Use the provided #4 flat-head screws or included double-sided tape to secure the base in place.
3. Snap the magnet into the magnet assembly cover, then snap the cover onto the base. See Figure 4.

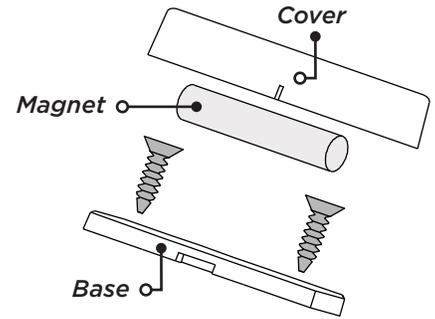


Figure 4: Standard Magnet Assembly

## Commercial Magnet Assembly

1. Snap the magnet into the magnet assembly cover.
2. Place the cover on the surface nearest to the internal reed switch location. Be sure to align the markers on the transmitter and magnet assembly.
3. Use the supplied #4 flat-head screws to mount the magnet assembly. See Figure 5.

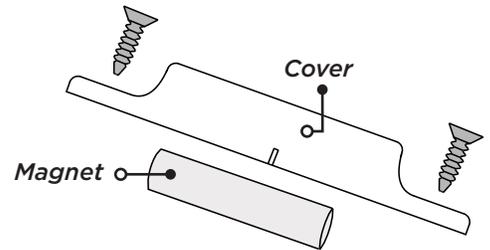


Figure 5: Commercial Magnet Assembly

## REPLACE THE BATTERY

1. Insert a small screwdriver into each notch in the housing cover and lift until the cover comes off. Do not twist the screwdriver.
2. Remove the old battery and dispose of it properly.
3. Observing polarity, place the new battery in the holder and press into place.
4. Snap the transmitter housing cover back on the base.

## Sensor Reset to Clear LOBAT

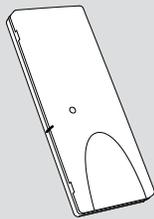
When the battery needs to be replaced, a **LOBAT** message will display on the keypad. Once the battery is replaced, a sensor reset is required at the system keypad to clear the **LOBAT** message.

1. On a Thinline keypad, press and hold "2" for two seconds. On a touchscreen keypad press RESET.
2. Enter your user code if required.
3. The keypad displays **SENSORS OFF** followed by **SENSORS ON**.

## 1107-WINT WIRELESS MICRO WINDOW TRANSMITTER

### Specifications

Battery	
Life Expectancy	2 Years (normal operation)
Type	3.0V lithium CR2430
Frequency Range	863-869 MHz
Dimensions	
Transmitter	6.7 L x 2.5 W x 0.8 cm
Standard Mag.	2.1 L x 1 W x 0.8 cm
Commercial Mag.	2.1 L x 1 W x 0.8 cm
Color	White
Housing Material	Flame-Retardant ABS



### Patents

U.S. Patent No. 7,239,236

### Panel Compatibility

1100X-WINT Wireless Receivers  
1100D-WINT Wireless Receivers  
XT30INT Series panels  
XR150INT/XR550INT Series panels

### International Certifications

EN 50130-4:2011+A1:2014

Alarm Systems. Electromagnetic compatibility. Product family standard: Immunity requirements for components of fire, intruder, hold up, CCTV, access control and social alarm systems.

EN 61000-6-3:2007

Electromagnetic compatibility (EMC). Generic standards. Emission standard for residential, commercial and light-industrial applications.



Designed, engineered, and manufactured in Springfield, Missouri using U.S. and global components.

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