ION Security Products™
MICRA™

Wireless Window Security Sensors
Fully Concealed
Residential & Commercial Applications

Project Name
Spec. Type
Notes

Product Overview

Scan QR code for installation video!

Long-life Battery - 5+ years (average rating)

Easy to install - Required tools: a drill, a 3/4 inch wood bit

Aesthetic - Fully concealed wireless sensor for wood, vinyl, or aluminum clad windows

Simple to Specify - Compatible with current DSC, GE, HAI and 2GIG wireless receivers

Composition - Micro-processor, Micro-transmitter, Lithium Battery, Optimized Antenna for superior zone signal

Sensor Specifications

Dimensions
Dowel Package
0.33 inch deep by 0.75 inch diameter

Power Source
3.0V Lithium Coin Cell Battery (CR1620)

Cavity Depth Fit
0.33 inch depth

Transmit Range
Typically >500 ft, open air

System Compatibilities
Sensors are compatible with current DSC, GE, HAI and 2GIG wireless receivers. Please be sure to specify which system you require.

Visual Characteristics

DSC - Black	7 inch x 1/8" Flexible Antenna extends from sensor
GE - Blue	7 inch x 1/8" Flexible Antenna extends from sensor
HAI - Green	7 inch x 1/8" Flexible Antenna extends from sensor
2GIG - Blue | White Antenna	7 inch x 1/8" Flexible Antenna extends from sensor

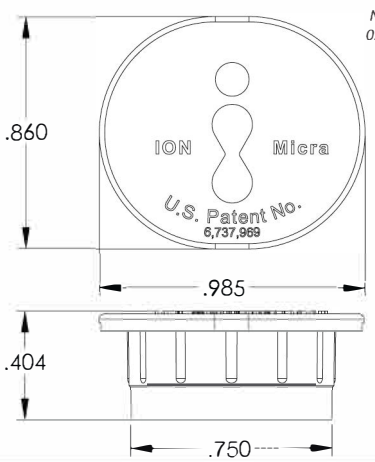
Environmental Conditions
Ambient temperature 10° - 120°F (-12 - 49°C).

Replacement
Sensor and/or Battery are field-replaceable.

Patents
US Patents #6,737,969 and #7,081,816
Multiple Domestic and International Patents Pending.

Due to continuing product improvements, ION DIGITAL reserves the right to change specifications without notice.

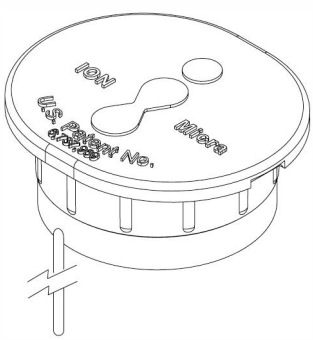
Dimensions

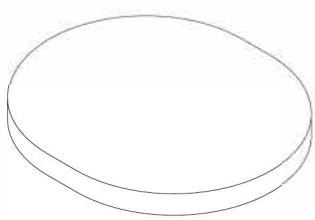


NOTE: The sensor dowel lid has a 0.850" diameter x 0.030" thick.

How it works

The window sash sensor triggers an alarm whenever the contact between it and its corresponding surface mount magnet is severed.





Surface Mount Magnet

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ION SECURITY PRODUCTS
Concealed Wireless Solutions

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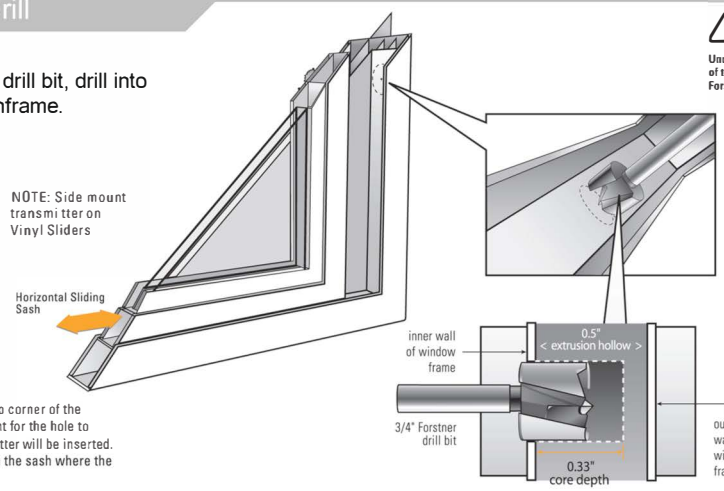
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Step 1 Measure and Drill

Using a 3/4" Forstner drill bit, drill into the vinyl window mainframe.

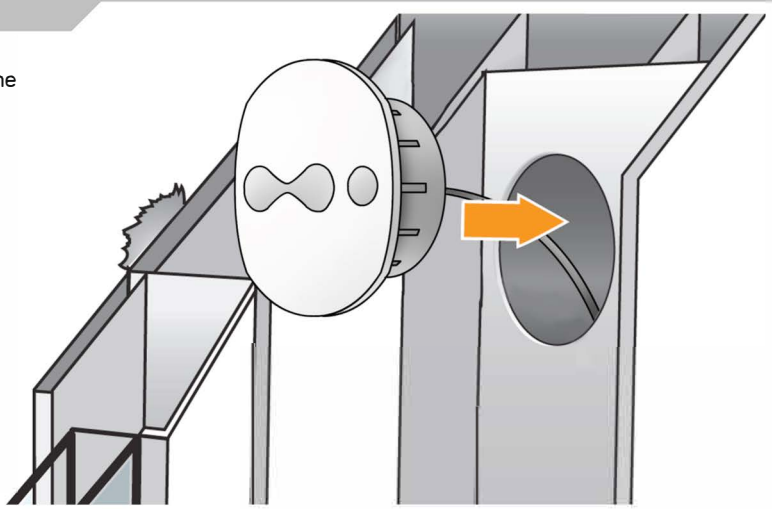
⚠ WARNING:
Under no circumstances should the outer wall of the window frame be penetrated by the Forstner bit.



Measure 3" down from the inside top corner of the mainframe and mark the center point for the hole to be drilled where the MICRA transmitter will be inserted. Place a corresponding mark also on the sash where the magnet will be placed.

Step 2 Place and Set

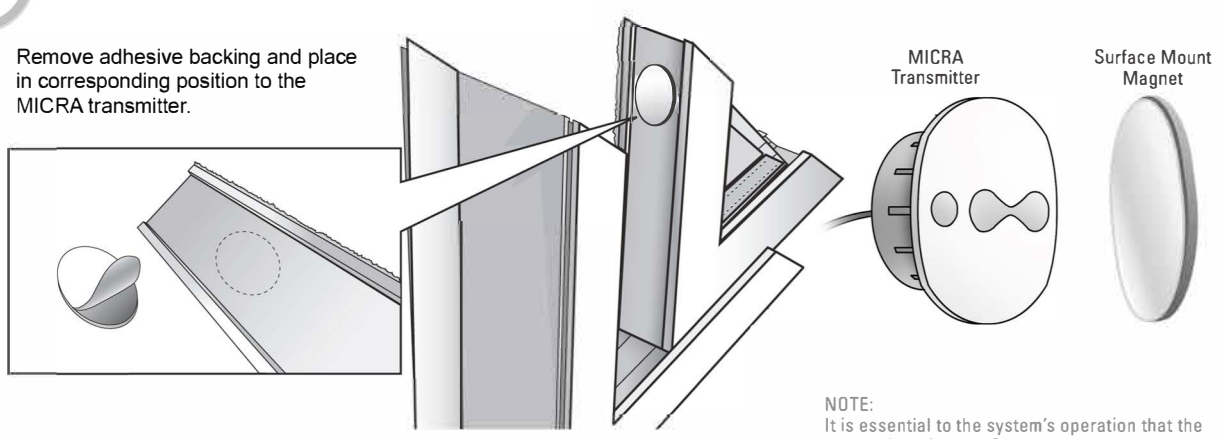
Insert the MICRA's antenna into the extrusion holow then press the transmitter body into the cored opening.



**It is important to always keep the antenna straight. Never cut or coil up antenna. You may fold the antenna in half if space is a concern. This may affect range.*

Step 3 Sash Magnet Placement

Remove adhesive backing and place in corresponding position to the MICRA transmitter.



NOTE:
It is essential to the system's operation that the positioning of the MICRA transmitter point in the same direction as its corresponding magnet.

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