



Unique security challenges and distinctive solutions

Copper Theft Prevention

Inovonics is the industry leader in high-performance wireless sensor networks for commercial and life safety applications. With over 20 years in the security industry, the Inovonics family of transmitters, receivers and control modules provides the wireless security backbone that protects many of the world's most prominent sites. Inovonics is renowned for exceptional performance and reliability and is trusted to protect everything from sensitive United States government buildings to schools and retail establishments.

Problem:

As copper prices continue to soar, theft and vandalism of commercial air conditioner units has been on the rise. Thieves are stealing or gutting out these units to cash in on the copper inside while causing thousands of dollars in damage in the process. Security dealers are looking for a quick, affordable solution to protect these vulnerable units from copper theft.

Solution:

Inovonics and GRI offer a cost effective solution to deter copper theft in air conditioner units. The GRI HVAC Kit consists of two tilt switches and a 2.2K end-of-line resistor embedded in epoxy. The tilt switches are mounted on opposite corners of the air conditioner unit and wired in a closed loop series through the copper coils. An Inovonics universal transmitter with end-of-line resistor protection is then connected to the wire loop and mounted inside of a weatherproof enclosure. If the cover to the air conditioner unit is tipped or removed, or if the wire is cut, the transmitter signals the head end security panel to alarm.

The Inovonics and GRI solution provides complete protection of air conditioner units at a price end users can afford. The wireless component from Inovonics means there is no need to run hundreds of feet of wire from vulnerable air conditioner units back to the panel, thereby reducing installation time.

Suggested equipment list:

EN1210EOL	Single input universal transmitter, EOL protection
EN4204R	Four zone add-on receiver with relay outputs
ACC640	Weatherproof plastic enclosure
HVAC-2.2K	GRI HVAC Monitoring Kit

To learn more about how Inovonics can help you lower installation costs, boost profitability, and increase your customer's satisfaction, visit www.inovonics.com.