



Metal Scrap Yard Video Verification System

Inovonics has been supplying wireless burglary and intrusion monitoring products to the commercial security industry for more than 20 years. In that time, we have had the privilege of helping protect some of the most prominent buildings in the world. We have been an integral part of the security systems used to protect everything from sensitive United States government buildings to entertainment venues.

Problem:

A metal storage company had a big problem on its six acre premises – after hours theft. Thieves would break in through the perimeter fences and steal thousands of dollars of metal for scrap. A guard service was hired at a cost of nearly \$10K per month. The company began exploring security options and decided that cameras with video verification from a central station would be a good fit for their needs. One major problem still remained – the camera's video analytics feature had a high incidence of false alarms in an outdoor environment. A solution was needed that was cost effective, reliable, and eliminated false alarms.

Solution:

The installing dealer turned to Inovonics for help. Inovonics powered field sensors were used to activate the cameras reporting to a central station. This was accomplished by combining outdoor motion detectors with Inovonics universal transmitters.

The installer first connected an Inovonics universal transmitter to each of the outdoor motion detectors strategically located throughout the yard. Motion sensing events activated the universal transmitters. The Inovonics receiver then activated video cameras presets only when motion was detected. This solution immediately eliminated the problem of false alarms.

Besides solving the false alarm incidence rate, this wireless configuration realized three other benefits. Video storage capability was increased, network traffic was reduced and the yard had the flexibility to move battery powered detectors to adjust coverage depending on changing needs.

This solution would also work in many outdoor applications including auto dealerships, auto auctions, scrap yards, and truck depots to name a few. Before your next security installation, take a few minutes to understand how Inovonics products can help you lower the installation cost, boost profitability, and increase your customer's satisfaction.

Suggested Equipment List:

EN1210	Universal transmitter
EN4204R	Four zone add-on receiver with relay outputs
EN5040-T	High power repeater with transformer