



A safer world

Thermal-Eye™ systems are designed and manufactured for applications in public safety, fire and rescue, industrial, security and transportation. Having pioneered infrared technology decades ago, our products continue to increase the safety of our neighborhoods, help rescue victims of accidents, monitor business facilities and assets and improve the safety of nighttime driving. In fact, with so many positive applications, in so many areas of life, Thermal-Eye products keep us all just a little bit safer. And when you stop to think about it, can any of us afford anything less?

13532 N. Central Expressway
MS37
Dallas, Texas 75243
972-344-4000 1-800-990-3275
www.thermal-eye.com

NOT JUST CHILD'S PLAY *Lost Child Search*

SITUATION:

Two young boys had ventured out to play for in the early evening with their loyal dog. As typical young boys, they ignored their mother's request to bundle up before going outside to play. The temperatures in Michigan had been frigid in the last few weeks, especially in the evenings. The boys had chased their dog into the nearby woods, where they often played for hours near a creek. Before long, they realized they had ventured too far. They were lost. As the sun set beneath the clouds, the temperatures quickly dropped and boys began to complain about the weather. Lost, exhausted and freezing, they settled in underneath a large tree and cuddled together for warmth.

NEED:

The boys' parents were accustomed to calling in the children for dinner. But tonight, there was no answer. They became concerned when they couldn't locate the children in the immediate neighborhood. It wasn't like the boys to disappear for this long. After a more than an hour of searching, concern became panic, and darkness fell as quickly as the dropping temperature. Now at a complete loss, the parents contacted the local police department, begging for help. The boys had to be found, and quickly, before they froze to death. Time was running out.



SOLUTION:

The local police rushed to assemble the well-trained search team. Living in a rural area, they dealt with such situations often. The officers prepared to begin the search, but not without one integral part of the team, the Thermal-Eye 250D. The department has utilized this handheld thermal imaging camera in the majority of searches, especially at night. Upon reaching the woods, the team, consisting of five officers and one K-9 unit began to survey the area. They followed the creek bed, knowing the creek was a popular place for local children to play. By now it was completely dark and using a flashlight to scan a large area in complete darkness is just not efficient and definitely not quick. But after just an hour, the officer using the Thermal-Eye 250D spotted something in the distance. He noticed a warm anomaly in the cold scene of the trees in the distance. Since the thermal imager senses heat and not light, he could tell it was either an animal or person. The officers ran to the scene and immediately saw the two boys and their dog asleep near the base of a tree. The dog's heat signature was actually stronger than the boys and was what the officer had seen through the camera. The boys were nearly hypothermic. Another hour or so, and the damage could have been severe. Thankfully, the Thermal-Eye 250D was a valuable member of the team and made the difference in locating the lost children that much quicker.

RESULTS/BENEFITS:

- Time was critical. The officers were able to locate the lost children in a quarter of the time it would have taken without the help of a thermal imager.
- Creating fear is not an option. Although the children were asleep, many lost/missing children cases involve the child going into hiding or running away because they are scared. In the dark, bright lights shining in their direction tend to only scare them more and sometimes cause them to withdraw. In the dark, they don't know if it is a good guy or bad guy coming their direction. Since the Thermal-Eye 250D gives off no light, it allows officers to approach unnoticed.
- In addition to increasing the effectiveness and efficiency of the search, the use of the Thermal-Eye 250D saves money each time it is used. Not as many officers are required to search, helicopters are needed less frequently and fewer officers are injured in the search process.

See the Unseen™

Raytheon