



## INFRARED TECHNOLOGY

The Crime Prevention Section is alerting the public on technology being used to steal your ATM Personal Identification Number (PIN) by using an infrared camera case.

### Smart Phone Infrared Accessory

The **infrared camera case** has the ability to pick up thermal heat signatures and translate them into dynamic color images.

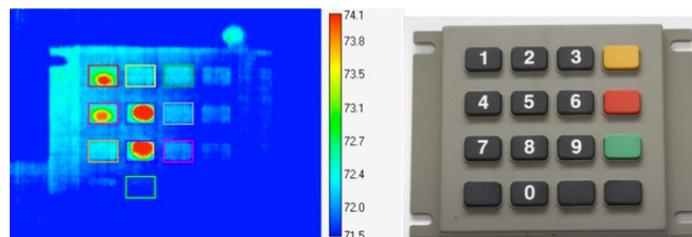


Example of an Infrared Camera Case

It was initially created to assist with security, home repairs and outdoor activities. Potential thieves use the camera case device to pick up the thermal heat signatures left behind after a person enters their PIN into an ATM or bank code keypad at any store checkout.

### How it Works

With this infrared technology, thieves are able to scan a keypad after it has been used and determine the order in which you entered your PIN based on your fingers heat signature left on the buttons.



An infrared camera coupled with an ATM Skimming device, usually attached to the ATM card slot (on ATM or door swipe), allows a criminal to capture details from your bank card. With your PIN and bank card information the thief has access to your account.

## Thermal Imaging and ATM PIN Theft

Thermal imaging has the ability to [detect residual heat from key presses](#) unlike traditional video cameras.



### How to Protect Yourself

Simply place your hand onto the keypad after completing your transaction. This will transfer the heat from your hand to the keypad leaving a heat signature which will relegate the infrared camera case ineffective.



Link to Video of this technology----> <https://www.youtube.com/watch?v=8Vc-69M-UWk>