

# ATMs and Credit Card Skimmers

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# Bank of America Customer Finds Something...

- Facade fell off of the card slot
- Person suspected of placing the device asked for it back
- Three devices found at the branch

# What She Found



- Facade was a credit card skimmer
- Other two devices were pinhole cameras disguised as panels

# Pinhole Cameras



## THE SMALLEST RC HELICOPTER HELICAM

### Micro Video CAMCORDER

- Includes FREE 2GB Memory Card - Record up to 2 Hours!
- High Quality 640x480 Video
- Can support up to 40S
- The Perfect Hidden Camera
- For RC Airplane
- For RC Helicopter
- For RC Cars



Only Weights 18 Grams!

- Panels placed over keypad
- Cameras are readily available with memory
- Sometimes cameras are disguised as pamphlets
- Eavesdropping (Shoulder Surfing)

# Credit Card Skimmers



- Disguised to look like dip-readers
- ATMs use motorized readers, gas stations use dip-readers
- Skimmer reads the magnetic strip on card and saves/broadcasts the information

# How It's Used

- Thief buys a blank debit card and uses the extracted information to clone card
- Uses card to withdraw money
- addresses PIN countermeasure with footage taken with camera
- Online retailers sometimes don't require PIN or security codes

# Countermeasures

- Banks monitor suspicious behavior
- Check environment for suspicious attachments/objects
- Cover hands as you enter your pin
- RFID cards (other issues)

# Sources

<http://www.dnainfo.com/2012/02/07/greenwich-village-soho/>

[identity-theft-device-falls-off-as-customer-enters-bleecker-st-bank](#)

<http://consumerist.com/2009/04/heres-what-a-card-skimmer-looks-like-on-an-atm.html>