

# **UVeritech™**

## **COUNTERFEIT DETECTION**

### **Tips on what to look for:**

#### **Currency**

- 1.) Place the bill under the light with the President's portrait facing upward. A bright blue paper color is the first counterfeit currency indicator.
- 2.) Next, on the new issue of US currency, look for the colored security thread. The appropriate positions and color for each security thread are indicated on the front of the light table;

\$100 bill	Red and to the left of the President's picture
\$50 bill	Yellow and to the right of the President's picture
\$20 bill	Green and to the left of the President's picture
\$10 bill	Orange and to the right of the President's picture
\$5 bill	Blue and to the left of the President's picture

NexGen \$20 bill (Oct. 2003)      Same green stripe as on the previous design.

#### **Credit Cards**

Most credit cards have a hidden ultraviolet security feature that is only visible under the UV lamp. To authenticate, simply place the credit card front side up, under the UV lamp and look for the ultraviolet security feature (s) that appear on genuine credit cards as listed below. A distorted image alerts the merchant of a possible counterfeit card. The merchant can call the credit card issuer, thereby limiting the risk. If an image does not appear, the card may be counterfeit.

#### **Security Features**

American Express	“AMEX” in one inch letters with a globe in the center
Visa	An image of a dove in the center of the card
MasterCard	Capital letters “M” and “C” on the front of the card
Discover	“NOVUS” logo, newer cards have “DISCOVER”
Diners Club	Capital letter “D”

#### **Checks**

- (1) All checks made of Secure paper such as Bank Checks will absorb the UV light. And will not glow.
- (2) Bank checks may also have security markings that will only be seen under the UV light.
- (3) If checks have been washed or chemically altered they may appear lighter in color in the significant areas i.e. payee/signor and dollar amount areas.
- (4) All Federal Government checks have intricate UV security features

#### **Traveler's Checks**

- 1.) Traveler's checks will glow if counterfeit, but will appear dull if genuine, just like currency.
- 2.) Traveler's checks are printed with fluorescent signature lines to protect against “washing”. If areas of the check appear blue under the UV light, it may have been “washed.”
- 3.) Traveler's checks have watermarks.

### **International Currency**

Most international currencies have security threads, holograms, and watermarks. To authenticate, simply place any of these items under the UV lamp and look for the appropriate security features.

### **State Issued Driver's Licenses**

The UV properties associated with the driver license will vary by State.

More than two dozen State licenses may contain some type of UV property in the laminate that will glow under black light. **TO VERIFY: OBTAIN A NEW ISSUE OF YOUR STATE'S DRIVERS LICENSE AND EXAMINE UNDER THE UV SCANNER.**

If hidden security features are built in they will immediately show up under the light.

- 01 For example, the repeated words "Texas" appears across the face of the new Texas driver license format introduced a few years ago. New Massachusetts licenses have two horizontal lines of MA MA MA MA running across the license. CALIFORNIA introduced its new license on July 6, 2001 with a hidden multi-colored fluorescent image of the State Flag. Colorado is in the process of introducing ultraviolet security features, as are other states. The following states may at present have security features: AK, AZ, CA, CO, CT, District of Columbia, FL, HI, ID, IL, IA, KY, LA, MA, MI, MN, MO, MT, NE, NH, NM, NY, PA, RI, SD, TX, UT, WA, WI, WY.

### **Resident Alien/Green Cards**

If authentic, depending on year of issue, either "USA" or an image of the U.S. Flag will fluoresce throughout the card when placed under the UV light.

### **Passports**

All passports have various unseen multi-colored UV fluorescent emblems and images which will be revealed by the scanner, including The U.S. Immigration Service Date Stamp. Content will differ by Country

### **Casino Chips**

Casino chips are treated as currency in the casino environment. Many casino chips contain ID marks, which will fluoresce under UV light.

### **Event Tickets**

Most companies that issue event tickets for music, sporting and other events, implement security features to stop counterfeiters.

### **Other Items**

Most U.S. Government Checks, Cashier's Checks and immigration cards have holograms and/or watermarks for verification. To authenticate, place any of these items under the UV lamp and look for the embedded holograms and/or watermarks that should appear in genuine instruments or documents.