



Models UV-16 and POS-15 MUST USE original manufacturer bulb, part #T5UV16-POS15.
Use of an alternative bulb will invalidate manufacturer warranty.

COUNTERFEIT DETECTION *Tips on what to look for:*

Currency

- Place the bill under the UV light with the portrait facing upward. Currency paper will absorb the UV light while non-currency paper will reflect the UV light. A bright blue paper color is the first indicator the note may be counterfeit. This is how you can verify older (small portrait) notes dated prior to 1996 with the UV Fraud Fighter.
- 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 currency reference strip located on the front of your machine;

| Note | Security Thread Location |
|--------------------------|-----------------------------------------------------------------|
| \$100 | Pale pink and to the left of Franklin’s picture |
| \$50 | Yellow and to the right of Grant’s picture |
| \$20 | Green and to the left of Jackson’s picture |
| \$10 | Gold, to the right of Hamilton’s picture |
| \$5 | Blue and to the left of Lincoln’s picture |
| NexGen \$5 (Mar. 2008) | Blue, to the right of Lincoln’s picture |
| NexGen \$10 (Mar. 2006) | Gold, to the right of Hamilton between “O” and “L” of “DOLLARS” |
| NexGen \$20 (Oct. 2003) | Same green stripe as on the previous design |
| NexGen \$50 (Oct. 2004) | Yellow stripe runs between the ‘D’ and ‘O’ of “DOLLARS” |
| NexGen \$100 (Oct. 2013) | Pale pink and to the left of Franklin’s picture |

Because the \$100 bill was the first banknote the Treasury Department redesigned with UV security, it has the weakest fluorescence and is the hardest feature to see. The \$100 feature can generally be seen by holding the bill up close to the bulbs and looking closely. The feature will appear “pale” and “pinkish” in color.

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.

| Card | Security Features |
|------------------|---------------------------------------------------------------------------------------------|
| American Express | “AMEX” in one inch letters with a globe in the center; “AM” and “EX” at the top of the card |
| Visa | Visa card has “V” in the center of Visa logo |
| MasterCard | Capital letters “M” and “C” on the front of the card |
| Discover | “NOVUS” logo; newer cards have “DISCOVER” in the center of card |

Checks

- All checks made of Secure paper such as Bank Checks will absorb the UV light and will not glow.
- Bank checks may also have security markings that will only be seen under the UV light.
- 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.
- All Federal Government checks have intricate UV security features.

Traveler’s Cheques

- Traveler’s checks will glow if counterfeit, but will appear dull if genuine, just like currency.
- 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.”
- Traveler’s checks have watermarks.



COUNTERFEIT DETECTION *Tips on what to look for:*

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. Almost all state licenses 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.

For example, the words "THE BLUE GRASS STATE" appears on a Kentucky driver license while "Oregon" repeats diagonally on the front of this states license. All the states have a unique UV security that will appear under the UV Fraud Fighter **except** for Maine, North Carolina, North Dakota and Tennessee. For a current list of the States UV driver license features please contact UVeritech.

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.

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