

## 4 Core Features

### LED420



3 counterfeit detection methods  
(UV, WM, DD)



Verify bills, IDs, passports, and other important security documents



Long-lasting Super-Bright LED lights,  
integrated ruler, and UV label



Manual detection allows for verification of  
security features for all countries

[www.AccuBANKER.com](http://www.AccuBANKER.com)



Scan to access the LED420  
complete User Guide



[www.AccuBANKER.com/pages/support-LED420](http://www.AccuBANKER.com/pages/support-LED420)



We are committed to protecting the environment by  
reducing the use of printed materials and plastic.



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## Quick Start Guide **LED420**



Counterfeit Bill/Document Validator



## Important Safety Instructions

This device has been designed to operate with this specific Power Supply (AC / DC Adapter) which is included. Failing to do so may cause malfunction and may void the warranty.

Avoid looking directly at the Super-Bright ultraviolet LEDs hidden inside the unit.

Unplug this product from the power outlet and refer servicing to qualified service personnel under the following conditions:

1. Does not function properly by following the normal operating procedures.
2. The power supply cord or power adapter is damaged.
3. It's been dropped or case is damaged.
4. Liquid has been spilled into the unit.
5. Shows a noticeable change in performance.

## Operation Description

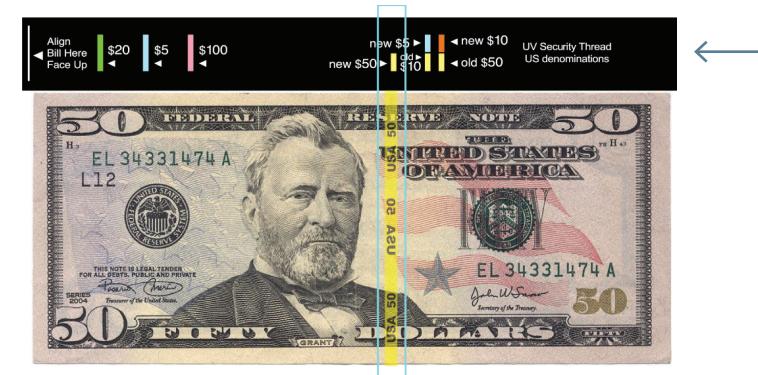
To operate the unit appropriately and efficiently, we recommend the user become familiar with the security features of the bills or documents they want to analyze. Additionally, the user should compare any suspect banknote against a genuine one, to better determine its authenticity.

**NOTE:** Avoid operating the unit close to a strong natural/artificial light source. The effect of the UV and Watermark light will be overpowered, and it will affect the clear visibility and analysis of the security features embedded on the bill or document.

Learn more about US dollars at:  
<https://www.uscurrency.gov>

## Ultraviolet Verification Operation

**NOTE:** The unit includes a "Security Thread Identification" label. This shows the operator the COLOR and POSITION of the security thread embedded on the U.S. dollar bill for every specific denomination. Using it as a reference will help the operator to validate the bill since the COLOR and POSITION must match.



## Watermark Verification Operation

Press the WM function button to turn the WM screen ON. The entire inspection area will be illuminated to make the bill's analysis procedure easier and faster. Proceed to verify the watermark features embedded in the bill, or document and confirm their authenticity. The internal timer will keep the WM ON for about 50 sec. If more time is needed to finish the verification, you can press the WM button.

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## Size Analysis Operation

The detector has a millimetric scale printed on the verification window. This allows the user to verify any specific bill or document size, and validate the right position of any security feature inside the bill or document. Any displacement encountered on any security feature could be a suspicious sign, and other features must be verified to confirm the bill or document authenticity.

## Product Specifications

Power Source (INPUT)	100 - 240 VAC 60/50 Hz
Power Source (OUTPUT)	12VDC / 1.0 A
Power Consumption	4 Watts Max.
UV Light Source	Super-Bright UV LEDs
WM Light Source	White LEDs
Product Dimensions (L x W x H)	8.55 x 5.67 x 4.45 in 21.72 x 14.40 x 11.30 cm
Product Weight	1.24 lb (0.56 kg)
Temperature	32 - 104 °F (0 - 40 °C)

**Image for reference using the watermark verification function**

**Example 1:**  
\$50 USD | Security Thread



**Example 2:**  
\$100 USD | Portrait Watermark

