



LD-3 UV Detector

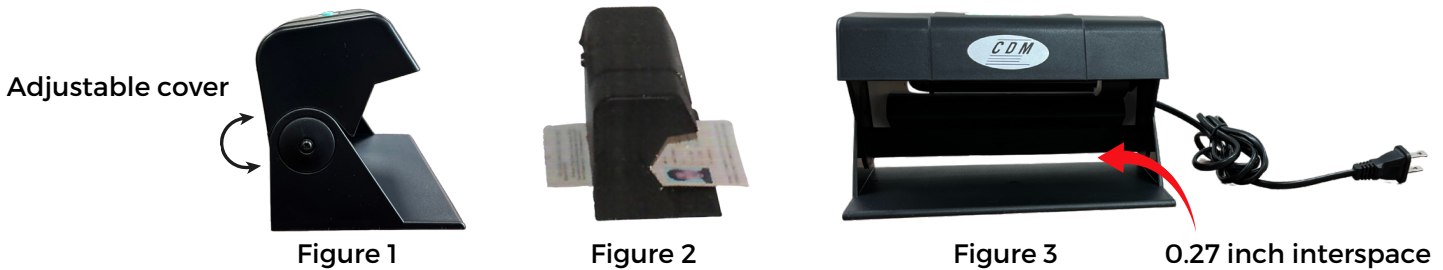


Please read the manual carefully to be familiar with the features of this bill detector.

CAUTION: The product should be operated only with the type of power indicated on the manufacturing card to reduce the risk of fire or electric shock. Do not expose this appliance to direct sunlight or rain or humidity.

FEATURES AND PRECAUTIONS

1. The ultraviolet lamp must be connected for two minutes to allow the UV system to reach its maximum detection capacity.
2. The top panel of the detector can be flipped up, making it easy for users to observe the banknotes from different angles.
3. There is an intermediate space (0.27 inches in height) at the back, which is specifically designated for certificates or documents, etc. (see figure 2 and 3 shown below).
4. Please turn off the unit when it is not used for a long time, so that the life of the unit is extended.



BASIC OPERATIONS

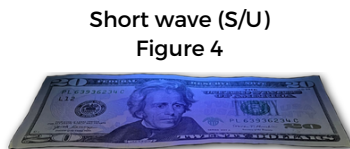
1. Detection of short or long wave ultraviolet light. The special ultraviolet ink on bills in patterns or codes can be seen on different colors when viewed under the short wave or long wave (see figure 3 and 4). Turn on the short wave or long wave lamp. Then, place a bill on the detection platform (see figure 3 and 4). You can observe the pattern of the bill precisely. Real bills do not reflect white light. Additionally you can see some marks, color fibers, fragments of images and fluorescence, variable parts (red, yellow and blue, etc.) on the bill. If the bill is discolored by washing machine soap or deeply soiled, the bill's characteristics may not be clearly observed. So, please check again carefully.

The bill characteristics indicated above cannot be seen in daylight, rather only under ultraviolet light. In addition, this detector is also used to detect checks, credit cards and other legal documents, etc.

2. Watermark detection: Press the button, the fluorescent light will turn on immediately. Then, place a bill on the detection platform to observe tiny veins, icons, variable ink. Additionally, you can move the bill vertically against the light (see figure 4). Afterwards, you will notice the watermark or white parts on the bill (See figure 5). This pattern is completely different compared to the suspicious bill.



Long wave (L/U)
Figure 3



Short wave (S/U)
Figure 4



Watermark (W/M)
Figure 5

