



Counterfeit Detection

The word *counterfeit* generally refers to a copy or an imitation of currency or documents as well as manufactured goods. To detect counterfeit currency and documents, the cashier or line attendant inspects items for flaws or other indicators that would show that the item is not genuine. Other external devices can be purchased for this purpose, but these can be expensive and often require more counter space.

Datalogic Scanning provides a simple solution to verify the authenticity of bank notes and personal identification documents as well as the ability to detect a variety of key identifiers on any currency or document. Products featuring a UV Counterfeit Detector are used to verify bank notes as well as passports, travel tickets, credit cards, travelers checks, event tickets or any other similar applications where it is possible to detect fluorescent marks using a UV light.

The technology is based on UV fluorescent emission and contains eight special UV LEDs that provide a visual aid to see special markings which determine currency and/or ID authenticity. Real bank notes, under ultraviolet rays, usually reflect the UV light and will show these markings made visible with fluorescent inks. On the other hand, most counterfeits will absorb the UV lights, without showing the identifying fluorescent marks.

Using this new feature is very simple; with the UV LEDs turned on, operators hold the item to be verified under the LED lights to see that the special fluorescent marks are visible. The LEDs are set to switch off automatically after a brief interval, or they can be left on for continued verification.

Anti-Counterfeit Protection

Financial Applications

- Bank notes, credit cards, travelers checks

Personal Identification


- Passports, personal identity cards

Ticketing

- Travel tickets, events

Available on the Following Products:

- Gryphon™ I GM4100



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