

SecurEuro

www.secureuro.com

Helping You to Recognise and Acquaint Yourself with Euro Banknotes

WATERMARK
When the note is held up to the light, an image and the numeral indicating its value can be seen.

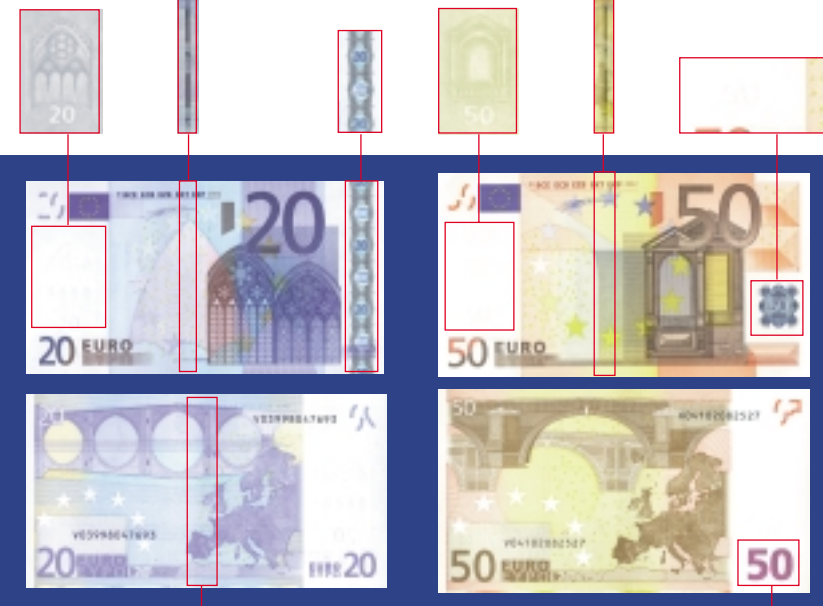
SECURITY THREAD
When the note is held up to the light, a dark line can be seen.

HOLOGRAPHIC BAND
When the note is tilted, the hologram displays the Euro symbol and the numeral indicating the note's value.

WATERMARK
When the note is held up to the light, an image and the numeral indicating its value can be seen.

SECURITY THREAD
When the note is held up to the light, a dark line can be seen.

HOLOGRAM
When the note is tilted, the hologram displays an image and the numeral indicating the note's value.



IRIDESCENT BAND
When the note is exposed to a bright light, this band shimmers and slightly changes colours.

VARIABLE-COLOUR INK
When the note is tilted, the numeral indicating its value changes from purple to olive-green, or even brown.



Con la colaboración de:



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1 Secureuro Euro Banknote Validator

With the arrival of the Euro, 305 million European citizens face a historical milestone: twelve central banks issuing a new currency in seven different denominations of banknotes which differ greatly from those we have been using for making and, especially, receiving payments.

The emergence of the new single currency has generated a degree of uncertainty among citizens, who need to identify a number of banknotes which, although considered to be among the safest in the world, will remain unfamiliar for some time and are extremely appealing to international counterfeiters owing to their widespread use.

Products for detecting counterfeit banknotes do exist, but so far no one has been able to design a product which brings together the following features.

- **The device itself makes the decision to validate the note:** most products currently available on the market require that the users themselves decide on the authenticity of the notes hand over by the customers paying for their purchases, based on many subjective parameters. Secureuro makes the decision. It analyses not only those security parameters which are visible to the naked eye, but also many others that can only be viewed by means of special instruments.

Moreover, it makes sure that these security mechanisms are not imitations of those which appear on genuine notes.

- **The system incorporates** a deep knowledge of all counterfeiting technologies used to date, and can be updated in order to counteract new forgery technologies as they evolve. Only those banknotes which meet all the security criteria are accepted as "valid notes". Other products available on the market merely check the existence of a few security mechanisms on the banknotes.
- **Great ease of use:** thanks to the swiftness with which Secureuro verifies the banknotes, the possibility of inserting the note in any position and even misaligned, and the clear messages and alarms indicating the existing of "suspect" notes, Secureuro is quickly accepted by the users as a tool that helps them do their job, rather than a hindrance, as often happens with other products which are either exceedingly inflexible as regards note insertion, or very slow, taking a long time to verify their authenticity, or simply because they require that the user make the final decision, thus becoming a real nightmare for salespeople and cashiers.

- **Possibility of integrating with computing systems, point of sale terminals and corporate systems:** Secureuro can be connected to a corporate network for transmitting information on the banknote being validated and updating its internal operating parameters without the involvement of a technician.

- **Low cost:** Secureuro will pay for itself after one single detection of a fraud attempt with a high-denomination banknote.

- **Compact, lightweight and robust:** Secureuro integrates easily into any business, since it is about the same size as a data-phone and weighs less than 1 kilogram, making it an ideal device for automobile or lorry fleets. It is also designed for "day-to-day" activities: because it is made of sturdy materials and contains no fragile parts, it can be used as a counter-top device.



2 Euro Banknote Validator Description

Counter-top Euro note validator: the banknote is always within sight of the person handing it over.

It operates with external power: it connects to the mains via the power adapter supplied with the unit, or to the electrical system of a vehicle by means of an optional adapter.

Standalone counter-top device: a built-in serial port for connecting the unit to a personal computer or a Point of sale terminal provides the following functions:

- ✓ Sending different types of messages regarding the validation carried out
- ✓ Updating the unit's internal programs (firmware)
- ✓ Diagnosing and maintaining the validator and providing usage statistics

The validator itself makes a decision regarding the genuineness of the banknotes (it requires no personal interpretation for reaching a conclusion on the security features of the notes).

3 Specifications

The notes can be inserted in any of four possible positions, but always lengthways.

Automatic note alignment.

Validation time: less than 1 second.

Validation unit dimensions: 210 x 140 x 95 mm (without output tray).

Validation unit weight: less than 1 kilogram.

Adjustments: the machine is factory-calibrated and requires no recalibration.

Configuration routine: the user can set up the following options:

- The language used for displaying the messages on the LCD.
- The alternative (local) currency used for displaying the validated total.
- The sound volume (from total silence to maximum volume).
- The LCD display's backlight and contrast parameters.
- Configuration of other ergonomics parameters.

The total value of the validated notes is displayed on the LCD:

This total is reset by pressing the "Cancel" (0.0) button. If the unit detects an invalid note, its value is not added and the system makes sure that the user has received the corresponding message, waiting for the "Accept" (✓) button to be pressed before proceeding.

The total is displayed alternately in Euros or in the predefined local currency when the "Accept" (✓) button is pressed repeatedly.

Audible signals: the messages displayed on the LCD are accompanied by beeps.

Light signals (by means of the alarm LED): for alarms and validator states.

Firmware and parameter loading via the serial port.

