

# SMART PROTECT BANKNOTE DETECTOR

**ratio tec**<sup>®</sup>  
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The Smart Protect is part of the new generation of our automatic banknote detectors - in a fresh, modern design and with improved test sensors. With the help of the Smart Protect, banknotes can be verified easily, quickly and reliably directly at the POS. Suspicious banknotes are indicated by the LED-bar and an acoustic warning signal. The detector with automatic currency recognition does not have any additional features and thus cannot be accidentally adjusted.

- Compact banknote detector – ideal for the POS
- Currencies: EUR | GBP | CHF | PLN | SCO | CZK | RON
- Automatic currency recognition
- 100% reliable detection of counterfeits\* in less than a second
- Counterfeit detection: IR | MG | MT | SD | WM | TD | Colour
- Future-proof thanks to improved test sensors (IR & MG)
- Clear result due to LED-bar, acoustic warning signal and banknote ejection (suspicious banknote at the back)
- Simple and intuitive operation
- Easy to open and easy to clean
- New updates via Update Manager (via USB cable) or microSD-card



Green LED-bar:  
genuine banknote



Red LED-bar:  
suspicious  
banknote



Easy-to-open  
construction for  
an unproblematic  
cleaning and  
maintenance of  
the device.

Technical data	Smart Protect
Currency	EUR   GBP   CHF   PLN   SCO   CZK   RON
Counterfeit detection	IR   MG   MT   SD   WM   TD   Colour
Counting function	–
Report function	–
Standby mode (ECO)	–
Acoustic warning signal	✓
Banknote ejection	Front   suspicious banknote at the back
Display	LED-bar
Possible to open	✓
Speed per banknote	< 0,5 seconds
Update	Update Manager   microSD-card
Accessories	Rechargeable battery   cleaning set
Contents	Mains cable   user manual
Measurements (l x w x h in mm)	137 x 117 x 62
Weight (in kg)	0,5

\* This product has been successfully tested.  
<http://www.ecb.europa.eu/euro/cashprof/cashhand/devices/html/results.en.html>

[www.ratio-tec.com](http://www.ratio-tec.com)