

# DORS®

Unique technologies  
for secure detection

## Automatic Euro Counterfeit Detector DORS 220



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### Function

Automatic mode authenticity verification of Euro bank notes with all face values (5, 10, 20, 50, 100, 500 Euro) and of all emissions.

### Distinctive features

- secure detection guaranteed by the use of modern technologies in detection of machine-readable security features of Euro banknotes;
- special high abrasion resistance multi-element magnetic sensor elongates the device lifetime while checking large amounts of aged banknotes;
- high verification speed - 75 banknotes per minute;

- **DORS 220** DORS 220 has compact size modern ergonomic design, it is equipped with LCD monitor with backlighting and sensor control panel.

Automatic detector **DORS 220** is a very easy-to-use device:

- two directions for the verified banknotes:
  - banknote comes through the ejection slot;
  - banknote returns to the insertion tray, that can be very convenient in the limited office space;
- stepped input tray for precise placing of Euro banknotes different in size;
- easy-opening upper-cover allows unimpeded access to the transportation mechanism of the detector;
- possibility to connect detector to PC for software update for the new issues of the new Euro banknotes.

### Information display

- value of the last verified authentic bank note, total sum and quantity of all banknotes verified during the current operating session are displayed on the DORS 220 monitor;
- at any moment user can press the VALUE button to display the current session total results for the banknotes quantity and total sum for every value;
- in case the banknote was detected as suspicious, the detection error code is displayed on the monitor;
- for better information perception in case the detector is placed aside the user, user can switch on the inverse display of data (white letter on the black background).

### Technical Specification

Verification speed	75 banknotes per minute
Banknote positioning	Lengthwise, face up, hologram forward
Display	Graphical LCD with backlighting
Display parameters	Banknote value, total sum of all authentic banknotes, total sum and quantity of banknotes by values, error codes
Sensors:	Types of control:
Magnetic (multielement)	Magnetic map control
Infrared optical	Watermarks map control, banknote optical image, optical paper density, IR-marks map
Size control	Banknote length check
Power Supply	220 V, from automobile adaptor 12-24 V (optional)
Power Consumption	approx. 10 W
Dimensions (WxDxH)	133x205x80 mm
Net Weight	0,65 kg

