

The logo features a stylized white icon on the left, composed of two overlapping shapes that resemble a downward-pointing chevron or a pair of wings. To the right of this icon, the word "MONIRON" is written in a bold, white, uppercase, sans-serif font. The entire logo is centered horizontally against a solid black background.

MONIRON

Moniron Dec Ergo

Currency detector for back office applications

Smart technology,
ergonomic design and
enhanced reliability for the
senior cashier's operation



- › Easy feeding of banknotes in any of four orientations, without pressing them to the edge of the tray
- › Integrated automatic **Moniron Detection System**
- › Special design of **Moniron Tray 100** for easy processing of bundles



Moniron Dec Ergo | Automatic currency detector

A black Moniron Dec Ergo machine is shown with a stack of 20 Euro banknotes. A hand is holding a stack of 50 Euro banknotes. The machine's display shows 'Eur 43' and '2120'. A red circular icon with 'MONIRON DETECTION SYSTEM' and a grey circular icon with '100% GUARANTEED SECURITY' are visible. A blue square icon with '100' and a stack of banknotes is also present.

Your cash in perfect order

Verified banknotes are stacked into a neat bundle.

MONIRON
DETECTION
SYSTEM

100%
GUARANTEED
SECURITY

Expert level of currency detection

100% detection of counterfeit banknotes. Moniron Dec detection system was tested and certified by the European Central Bank.

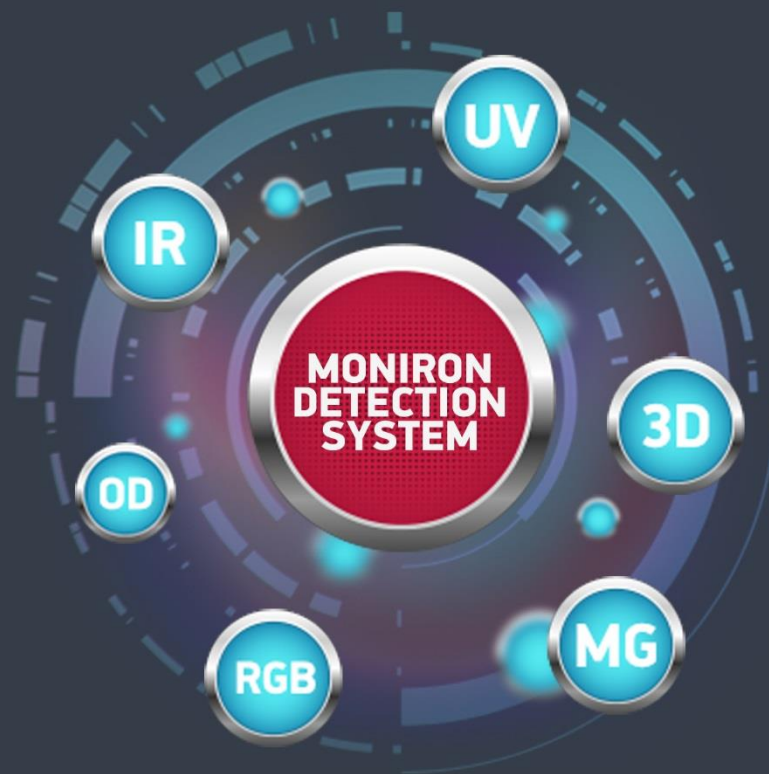


MONIRON DETECTION SYSTEM

integrated automatic detection system:

IR Full-width infrared detection • Visible image • **UV** Ultraviolet detection with background luminosity control • **MG** Comprehensive magnetic detection: number, stripe, marks • **RGB** Spectral analysis of ink, 18 RGB channels • **OD** Optical density detection, detection of taped banknotes • **3D** Size and double banknote detection

Full-scale verification of banknotes used in Moniron detectors is compliant with the ECB's requirements for automated banking equipment.





Special **Moniron Tray 100**

Moniron Dec Ergo is designed for processing a lot of banknotes. The detector is equipped with a special removable stacker tray for 100 banknotes which allows to stack verified banknotes into a neat bundle.



Smart **Redirection** technology

After verification, counterfeit banknotes are always ejected in the direction opposite to the selected dispensing direction. They are not mixed with other banknotes or included in the total amount.



Ready for video monitoring: **VReady**

All on-screen data is displayed in red-colored LEDs. The red spectrum is easily registered and detected by CCTV cameras in any lighting conditions.



Add mode. Easy counting with simultaneous verification



Adjustable for any currency in the world



Feeding banknotes in any of four orientations.



Forward and backward ejection of banknotes



Connection to PC for software updates and access to advance control functions



On-screen display: currency, denomination, amount, and quantity of banknotes

- Essential updates for the embedded software are available for download in the Support section at moniron.com. You can request special software from your sales manager or via our Customer Support



Preparation for CIT

The cashier is absolutely sure that the cash transported to the bank is genuine

You can simultaneously verify and count banknotes as well as prepare accompanying documents for CIT.

Z Report printout function

including counting and verification results for each denomination of banknotes

- › Verification progress displayed
- › Add mode and single banknote verification mode
- › Verification report printout
- › Easy updating of the embedded software



Moniron Dec Ergo

| | |
|-----------------------|---|
| Device type | Automatic currency detector |
| Currency types | EUR (basic configuration). Adjustment for other currencies available as an additional option. |
| Banknote feeding | Feeding by any side • Any orientation in the tray (no need to press banknotes to the edge) |
| Banknote ejection | Forward and backward ejection |
| Bundle processing | Special removable stacker tray, 100 banknotes in capacity (Moniron Tray 100) |
| Detection | Moniron Detection System: Full-width infrared detection • Ultraviolet detection with background luminosity control • Visible image • Magnetic detection • Spectral analysis of ink • Optical density detection • Banknote size detection • Double banknote detection • Taped banknote detection |
| Operation modes | Single banknote verification • Verification with summing-up (bundle counting) • Automatic currency type detection • Audio indication |
| Display | LED |
| On-screen information | Banknote denomination • Amount and quantity of verified banknotes • Currency type • Error code |
| PC connection | USB (type B) |
| Power | 12 V, power supply: 100–240 V, 50/60 Hz (AC adapter, car adapter can be used) |
| Dimensions | 158×136×83 mm (without removable stacker tray) |
| Net weight | 0,5 kg |