



List of tested banknote authentication devices

Introduction





The table below lists banknote authentication devices which have been tested by the NCBs for their ability to recognise euro counterfeits. The test results may assist banknote users in selecting appropriate counterfeit detection equipment.

Scope

Please note that the devices listed below do not qualify as banknote handling machines. For the test results of banknote handling machines see the 'List of tested banknote handling machines' (see link on the right-hand side). Hence, the devices listed below cannot be used by credit institutions and other professional cash handlers for automatic authentication of euro banknotes for re-issuance through automated teller machines (ATMs) and other customer-operated cash dispensing machines.

Test results

Last updated: 01 February 2010

Device name and type  	Identification (hardware/software versions)	Manufacturer or its appointed agent  	Notes of the test deck correctly identified as counterfeit	Date of the test
<input checked="" type="checkbox"/> Double Power DB-2158	Software version: C19	Double Power Electronics Co, Ltd Rm.15B, 15F, FuQiao Bldg	All	11-9-2009
<input checked="" type="checkbox"/> Double Power DP-976	Software version: 1.37	Double Power Electronics Co, Ltd Rm.15B, 15F, FuQiao Bldg	All	10-9-2009
<input checked="" type="checkbox"/> Double Power DP-7000E	Software version: C31-8	Double Power Electronics Co, Ltd Rm.15B, 15F, FuQiao Bldg	All	10-9-2009
<input checked="" type="checkbox"/> Double Power DP-7011S	Software version: C20-1	Double Power Electronics Co, Ltd Rm.15B, 15F, FuQiao Bldg	All	10-9-2009
<p>Manufacturer or its appointed agent Double Power Electronics Co, Ltd Rm.15B, 15F, FuQiao Bldg</p> <p>No 21 FuHua Rd, Fu Tian District</p> <p>Shenzhen, GuangDong</p> <p>China</p> <p>Website</p> <p>Power supply Adapter Manner of note insertion 3. Package</p> <p>Banknotes of the test deck correctly identified as genuine 100</p> <p>Version of the test deck used in the test Test set version 21 Testing NCB DE</p> <p>Remarks (for explanation see below the table) [3] [6]</p>				

Remarks

1. It is not clear whether the device complies with any national and/or Community health and safety legislation.
2. The device does not support all denominations. Please contact the supplier for information on denominations supported.
3. The device supports all feeding orientations.
4. The device supports one feeding orientation only.
 - a. The correct orientation is clearly indicated on the device
 - b. The correct orientation is not (clearly) indicated on the device
5. The company did not clarify which authentication features the device is checking.
6. Please contact the supplier for information on the availability of a user manual in the language of your choice.
7. The user manual lacks instructions on the method and frequency of device maintenance required to retain the proper functioning of the device.
8. The current software version of the device cannot be verified by the user.

Disclaimer

- i. The counterfeit euro banknotes used in the test are, to the best of the knowledge of the ECB and the NCBs, those most commonly found in circulation in the euro area at the time of the update of the test deck used in the test. Since the ECB and the NCBs cannot foresee or exclude the possibility of new types of counterfeits appearing after the update of the test deck used, it is the responsibility of the manufacturers to regularly re-test the various types of devices. Furthermore, it is the responsibility of distributors and users of the devices to have the authentication sensors integrated in their devices periodically updated in order to detect new counterfeits.
- ii. To the extent permitted by applicable law, the ECB and the NCBs do not accept any liability whatsoever for any direct or indirect damage resulting from the performance of the tests, the publication, non-publication or removal from the Internet of the test results, or for the tests' outcomes. For separate disclaimers of the Deutsche Bundesbank and the Banco de Portugal, please refer to footnote ¹.
- iii. The published test results neither contain, nor imply, any recommendation by the ECB or the NCBs that third parties should or should not use the type of device tested.
- iv. This statement does not imply any warranty by the ECB or the NCBs, whether express or implied, that the types of device tested can detect counterfeit euro banknotes continuously and without error, or concerning their fitness for use, or their purpose irrespective of whether the users of the device comply with the user requirements or not.

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