

IS2900 BANKNOTE SORTER

Features

- World's leading image processing technology, fuzzy intelligent control technology, multi-core parallel processing technology and precision machinery manufacturing technology. Accurate and reliable sorting result.
- Humanized intelligent design, colored LCD display and easy operation.
- Complete and applicable sorting function. Sorting mode can be set according to demand.
- Superior identification: Light image, IR image, spectrum image, ultraviolet optical characteristics, infrared optical characteristics, fluorescence, metal thread, digital encoding, magnetic characteristics, serial number, multi-point thickness measurement, etc.
- Identification and control system adopts FPGA+ and multiple DSP structure and multi-core parallel processing.
- USB2.0, network port and RS232 interface (printer and large external display). Convenient product upgrade.
- Compact structure, small size, strong function. It can be applied to circumstances like counter system, re-check system, sorting center and so on.
- High efficiency. Handle 40,000 or 50,000 banknotes per hour.
- Possess function of recognize serial number, print, storage and LAN. It is convenient for recording banknote information.
- Applicable to foreign currency like USD, EUR, GBP, INR, etc.

Technical Advantages

- Hopper uses auxiliary twisting wheel technology. It is soft and smooth when you feeding banknotes.
- Reject passage uses rubber flat belt. It is more smooth than using friction wheels.
- Adopt proven technology: The thickness sensor can detect adhesive tape, altered note, composed note and double note.
- Save serial number and image in real time. The serial number and image in any direction can be uploaded and saved.
- Reject suspicious banknotes to reject pocket without stopping the machine. Improve work efficiency.



Fitness Sorting

Denomination Sorting

Orientation Sorting

Version Sorting

Recognize Serial Number

Batch Setting

Serial number collecting:

Collect serial No. And images when counting. Can check the data in classification, output, statistic and manage.



Network monitoring:

Concentrating data collection, multi-grade distribution, real time monitoring, data output.



Double sides scan:

High resolution and super long sensor scans banknote image clearly and completely.



Visible light and IR sensor:

6 different scans on double sides of the banknote, get the image authentication.



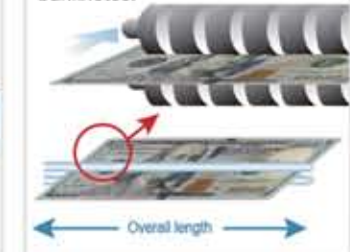
Magnetic sensor:

Magnetic sensor scans at most place on banknote for detection.



Thickness detecting device:

Thickness device can detect tapes, suspected banknote, double banknotes.



Specifications:

Available currency	As your requirement
Sorting speed	More than 800pcs/min
Hopper capacity	500pcs
Pocket capacity	200pcs
Rejecting bill capacity	100pcs
PC interface	RS-232 serial port.
Rated Voltage	220V (±10%) or as required
Frequency	50Hz (±5%)
Power	≤90 W
Rising temperature	≤20 °C
Appearance dimension	300×300×360 (mm)
Weight	18kgs

Colored LCD screen:

Big size colored LCD screen displays results of sorting clearly.



Easier maintenance:

Easy to take out the banknote from each part where there is a jam, also easy to clean the dust.



Anti-dust cover:

It ensures lower noise, more stable operation and operator's health.

