IGEX

COUNT ON OUR VALUE

EV8650

Currency counting machine

EV8650 – The highly efficient and highly accurate counting solution

The EV8650 is the premium model from De La Rue's EV86-Series of currency counters and therefore has all of the key technological elements of the EV86-Series. It is the most advanced currency counter ever produced by De La Rue and is designed specifically with counting efficiency in mind. It is the ideal model for users who require a highly efficient and highly accurate counting solution for medium to large volumes of currency or where high levels of banknote authentication and maximum machine flexibility are the primary purchase considerations.

Unrivalled Efficiency –
The most efficient machine available

Our customers have told us that the main reason for purchasing a currency counter is to improve currency processing and business efficiency. An efficient machine is one that:

– Feeds notes time after time
– Counts accurately
– Is fast and reliable

The EV8650 model is designed for maximum currency counting efficiency.

ULTRA FEED

The most efficient feed on the market

Feed is the heartbeat of a currency counter. If the feed is consistent, then count accuracy is enhanced. The EV86-Series incorporates De La Rue's ULTRA FEED technology which maximises the feed efficiency of the counter, ensuring that it feeds all banknotes irrespective of design and quality of condition. Mint, old, damaged, damp, polymer, or banknotes with high intaglio printing are all fed consistently by the EV86-Series.

MDD™
mechanical double-detection

Mechanical Double-Detection –
The most accurate counting system available

De La Rue's unique patented MDD system provides a hugely superior count accuracy over other systems such as opacity (up to 100 times more accurate*). This unique system accurately counts all banknotes irrespective of design and quality of condition, without operator or service technician adjustment. Unlike opacity counting systems, MDD unaffected by:

– currency sets with different densities of paper for different denominations
– banknotes with excessive levels of dirt or staining
– clear windows commonly found in polymer notes

MDD provides 'right first time' accuracy, every time.

*Results taken from engineering field testing using banknotes of varied design and condition.

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Reputation – De La Rue is the Cash handling Expert

For almost two centuries, De La Rue has been at the heart of the cash cycle. From banknote design and production to the design and manufacture of cash handling solutions, De La Rue's expertise can be found at in all areas of the cash cycle. Desktop Currency Counters have been designed and manufactured by De La Rue for over 40 years and our customers from over 90 countries world-wide count on De La Rue innovations on a daily basis.

Speed – Fast and Efficient throughputs

With a top speed of 2000+ notes per minute, the EV8650 offers the user the highest levels of speed and throughput available on the market. The high speed, superior feed technology and 'right first time' accuracy ensures that the user achieves maximum efficiencies in their currency processing needs, thereby saving valuable time and money.

Range of Detection and Authentication
UV (Ultraviolet)

Checks the banknote paper for authenticity.

EMG (Enhanced Magnetics)

EMG checks the 'ratiometric' properties of the ink on the US$.

Note: EMG machines can have the Enhanced properties switched off making the machine a standard Magnetic machine for other currencies.

PPD (Paper Properties Detection) – US$ Only

Authenticates the unique properties of the US$ paper.

IR (Infra-Red) – Selected Currencies

Authenticates notes using IR printing or IR Security features.

MTD (Metal Thread)

Authenticates the banknote based on the Metal Thread.

7 III (Superior Magnetic Detection System) – Selected currencies only

A system that contains 12 magnetic detectors for authenticating the banknote based on the Magnetic signature.

SD (Short Edge Size Detection)

Identifies Banknotes of different heights.

3D (Short Edge and Long Edge Size Detection)

Identifies Banknotes of different heights and lengths.

Robustness and Reliability

Each model within the EV86-Series incorporates many design elements to bring a highly robust and reliable product to market.

– Metal spine running through the machine
– High quality mouldings
– Full Travel Key pad with positive action and feel
– High quality external carry handle
– New and highly durable rubber compounds
– State of the art and highly durable electronics

EV8650

Currency counting machine

Technical specification

Feed Technology

ULTRA FEED

Count Accuracy Technology

MDD
mechanical double-detection

Speed Range

600 – 2000+ notes per minute

Document Size Range

Piece Counting	50mm x 100mm to 90mm x 185mm
Banknote Authentication	50mm x 100mm to 90mm x 165mm

LCD Display

Count – 5 digits/Batch – 3 digits

Keypad

Full Numeric Keypad with Full Travel Keys

Connectivity

RS232 for PC Connection as standard

Optional Printer Connection

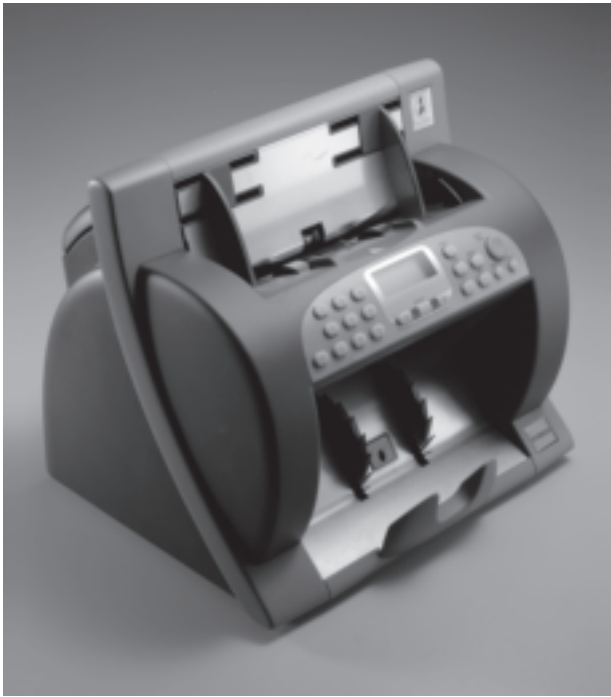**Power Supply**

98V – 264V AC, 50/60 Hz

Mean Power Rating

150W

Manufacturing Standard and External Approvals

ISO9001, CE, UL, GOST, FCC

The product design and all components used comply with the latest 'Restriction of Hazardous Substances (RoHS)' legislation from the European Union.

Dimensions

Height (mm)	265
Width (mm)	300
Depth (mm)	263

Weight

7.5kg

Please contact your local De La Rue representative for the most up to date list of variants available to meet your requirements.

List of Variants

8650 Std	8650 3D UV IR
8650 UV	8650 3D UV IR MTD
8650 SD	8650 € III (€ III+)
8650 SD UV	8650 UV PPD MTD
8650 UV EMG	8650 UV PPD EMG
8650 SD UV EMG	8650 SD UV PPD EMG
8650 UV MTD	8650 SD UV PPD EMG MTD
8650 3D UV	8650 SD UV PPD € III (€ III+)

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