LS150UV — The Most Advanced Solution for Fraud Detection

Making the Invisible Visible!

> " Looking for effective security features, those based on UV ink recognition are becoming a major choice in many countries around the world. "

LS150**UV** is the most advanced solution which adds ultraviolet recognition to the compact, fast and sturdy LS150 standard device, the CTS cheque scanner system designed for bank teller and back counter, commercial, retail, remittance and remote deposit capture (RDC) applications .

The new LS150**UV** provides the customer with a state-of-the-art UV technology and identification algorithms to minimise the risk of cheque fraud while increasing the precision of electronic cheque reading without compromising the performance.

CTS' choice has been to integrate a specialized CIS (Contact Image Sensor) module allowing capture in the spectrum of ultraviolet rays for easier and effective automatic tampering analysis and improved ultraviolet code recognition when printed with UV ink.

- ▶ **Powerful Anti-fraud System** - Anti Counterfeit (A/C) and Anti Tampering (A/T) Controls
- ▶ **Improved Image Quality** - Higher Contrast
- ▶ **Improved Accuracy** - Adjustable Illumination
- ▶ **Lower Power Consumption** - No Warming Up

LS150UV

ARCA

LS150UV

Best in Class Performances in UV detection

Small footprint

Low TCO

100 & 150dpm speed

100 200 300 dpi

100 doc feeder

Hp® std ink jet

Hi-res stamp

Card scanner and badge reader

low energy consumption

UV imaging

Basic unit features
- 100 document manual input feeder, with double feed sensors
- Front and rear 100, 200, 300 dpi image resolution
- E13B/CMC7 auto detect MICR reader;
  OCR-A, OCR-B, Barcode software decoding
- Pocket-full sensor
- ID Cards scanning

Options
- 50 or 100 document drop-in input feeder
- 12 nozzles inkjet printer, two print line positions, ~ 6,000,000 chars life
- Rotational, self-inking front stamp, rechargeable each 60,000+ items
- Magnetic stripe card, swipe reader, tracks 1, 2, 3

Document specifications
- Height: 60÷108 mm / 2.4÷4.3 in; Length: 80÷225 mm / 3.2÷8.8 in (*)
- Thickness: 0.07÷0.13 mm / 0.003÷0.005 in
- Weight: 70÷130 g/sqm / 0.01÷0.03 lb/sqf
- *with stamp opt.:*
  Height: 70÷108 mm / 2.7÷4.3 in;
  Length: 150÷225 mm / 5.9÷8.8 in

Image capture
- Resolution: 100, 200 or 300 dpi, selectable
- Gray scale levels, 16 or 256
- Black & White conversion

Communication and software
- USB 2.0 and onboard USB hub with 1 additional host port
- LS Common API/DLL for
  Windows 2000/XP/Vista/7 (32/64 bit), Linux and Mac OSX
- Ranger and TWAIN interface driver also available
- Exerciser and diagnostic application

Supported captured image formats
- BMP, JPEG, TIFF, TIFF level IV, by software compression

Size & weight
- Dimensions: 175 mm / 6.9 in (H); 230 mm / 9.0 in (L); 140 mm / 5.5 in (W)
- Weight: 3.5 kg / 7.7 lb, maximum

ENERGY STAR

ARCA®