SGM-100

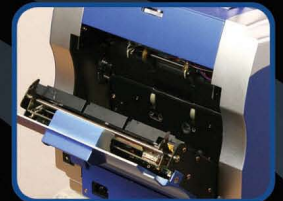*Excellent scanner for barcode discrimination*

Easy Barcode Scanner

Excellent Counterfeit Detection

Non-stop throughout

Large Easy-to-read LCD Display

Easy software upgrade

Easy Maintenance

Desktop type

Graceful Design

SGM-100

Barcode Scanner / Currency Counter

● Barcode Scanner with Image Processing Technology

SGM-100 uses advanced image processing technology, so SGM-100 can scan barcode more accurately and clearly.
SGM-100 has 4 types of discrimination mode as following.
- Mixed mode : identifies mixed denomination bills quickly and provides total value and piece count
- Single mode : counts a specific denomination and classifies all others to the reject pocket
- Separation mode : recognizes the first banknote and separates different denominations to the reject pocket
- Direction mode : processes all the notes "faced and oriented" and rejects all others

● Excellent Counterfeit Detection

SGM-100 carries high levels of counterfeit detection with UV, FL, IR and Superior Magnetic Detection system. Most suspect notes will not escape this advanced detection technology.

● Excellent Counterfeit Detection

Easy-to-read LCD display shows variety information at the same time and provides convenient graphic user interfaces.

● Non-stop Throughout

SGM-100's feed mechanism ensures non-stop throughtout for variety of functions.
- identifies mixed denomination bills quickly and provides total value and piece count.
- counts a specific denomination and classifies all others to the reject pocket.
- recognizes the first banknote and separates different denominations to the reject pocket.
- process all the notes "faced and oriented" and rejects all others.

● Other Feastures

- Low noise
- Easy software upgrade
- Easy maintenance
- Desktop type
- Graceful design
- Clear note path with Easy access

● Technical Specification

Available currencies	EURO, USD, GBP, SAR & AED OPTIONAL OMR, ZAMBIAN ETC AVAILABLE			
Horizontal Resolution	200 Dpi, 1,600 Dot	Display		4.1 inch Graphic LCD
Vertical Resolution	95 Dpi, 200 Dpi (with software interpolation)	Denomination Detection		Full Line Image Sensor
Scanning Color	256 Gray Level	Counterfeit Detection		UV, FL, MG (Magnetic Thread Detection), IR
	2 Level Monochrome	Speed	Image	400 notes/min
Hopper Capacity	500 notes (circulated notes)		Barcode	900 notes/min
Pockets	1 pocket and 1 reject		Denomination Count	1000 notes/min
Main Pocket Capacity	200 notes (circulated notes)		Piece Count	Max. 1500 notes/min
Reject Pocket Capacity	Max. 100 notes (circulated notes)	Feed System		Roller friction system
Dimensions(mm)	330(W) X 350(D) X 370(H)	Power supply		100 ~ 240V AC, 50/60Hz
Weight	Approx. 16Kg	Power consumption		Max. 110 Watts

● Option

External Display	LCD / FND type for customer	Bill Printout	With RS-232 Interface for PC and external printer, Print user name
Discriminational Function	Discriminate between old and new		