CORNELIUS SYSTEMS

HITACHI Inspire the Next

iH-110 Series is a compact banknote sorter with scanner

iH-110 Series is reliable, precise and multi-functional sorter that provides a broad selection of options.
It is an ideal choice for bank branches, back office in banks and cash-in-transit(CIT), as well as casinos and retails.

iH-110 Series

❚ High-speed Image processing technologies
- Full color dual CIS sensor / Can be scanned 10 different images
- Capture and Record of OCR,MICR and Barcode / Deposit full color image
- Can be installed more than 40 currencies / Mix & Multi currency mode

❚ Advanced sensor technologies
- Equipped with a range of counterfeit detection technologies
- Reliable fitness sorting / Excellent tape detection performance

❚ User-Friendly System
- 2 teller user mode indicator / Multi-user mode / Full color touch screen
- Easy operation, Simple maintenance

❚ Remote monitoring & management system
- Related solution : Smart Integration Manager (SIM)

CORNELIUS SYSTEMS

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iH - 110 Series

2 Pocket Banknote sorter with Checks/Tickets Scanner

Technical Specifications

Currency	Up to 40 currencies, 16 currencies(Mix & Multi)	
Operating Speed (can be installed more than 40 currencies)	Value counting with counterfeit detection	Max 1,300 NPM *Note per minute
	Fitness sorting with counterfeit detection	Max 1, 000 NPM *Note per minute
	Capture and Record : OCR, MICR, Tickets, etc	
	Capture and Record : Full color image with OCR	
Pocket Capacity	Hopper	iH-110/iH-110S/iH-110B : 500 notes
		iH-110F/iH-110FS : 1,000 notes
	Reject	60 notes(Max 100 notes)
	Stacker	200 notes(Max 300 notes)
Display	4.3″ Full color LCD Touch screen	
Mode	Mix(Face, Orientation) / Different Denomination(Face, Orientation) / Count / Serial No. / Fitness / etc	
Dimension(W/D/H)	iH-110/iH-110S/iH-110B : 300 x 320 x 315mm	
	iH-110F/iH-110FS : 300 x 320 x 345mm	
Weight	iH-110/iH-110S/iH-110B : 13kg	
	iH-110F/iH-110FS : 14.5kg	
Interface	LAN(Giga), USB(H), USB(S), RS232C	
Power Supply	100 ‐ 240V ±10%, 1.2A ‐ 0.6A, 50/60Hz	
Sensor Information	Full color dual CIS : 8 Images, IR transmission, IR reflection, RGB	
	Full line magnetic sensor (16 Channel)	
	Thickness(Tape) /Double detection sensor (12 Channel / 2 Channel)	
	UV Reflection(4 Channel), Transmission(4 Channel), Fluorescence (4 Channel)	
Options	External LCD display / OSD (On Screen Display : Video surveillance system) / Thermal printer	

iH-110
Basic Discriminator

iH-110S
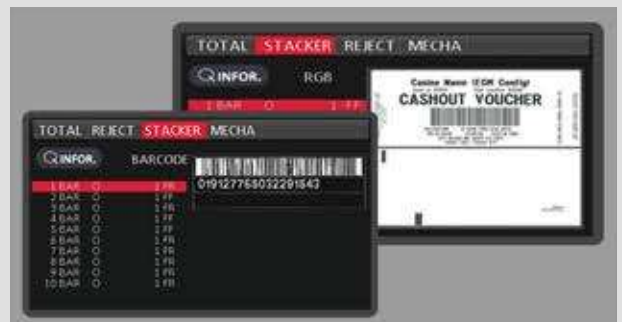Basic Discriminator + Color scanner for checks/ticket/etc

iH-110F
Fitness Sorter

iH-110B
Barcode Scanner