


High-Performance Banknote Deposit Module
with a Large-Capacity Cassette 

HAK2

Cash Deposit Module

This kiosk deposit module is designed to handle a high volume of banknotes and vouchers in a single transaction. It maximizes user convenience with a deposit capacity of up to 100 banknotes and an escrow capacity of the same amount. The system's robust operation is further ensured by a large-capacity cassette that can store up to 3,000 banknotes and an integrated entry shutter.

Using ultrasonic double-feed detection, the module prevents banknotes input errors. Its ability to capture and transmit full images of the banknotes guarantees transparent and accurate transaction processing.

With a streamlined internal structure, this module is engineered for easy maintenance, making it an exceptionally efficient and optimized solution for any kiosk application.



Features

- 1 Optimized for kiosk applications and specifically designed for valuable documents such as banknotes and vouchers
- 2 Reject Capacity: Up to 100 notes
- 3 Stacking Cassette up to 3,000 notes
- 4 Ultrasonic Double-Feed Detection
- 5 Simple internal structure for easy maintenance
- 6 Deposit Capacity : Up to 100 notes per transaction
- 7 Escrow up to 100 notes
- 8 Auto Inlet Shutter
- 9 Full Image Storage and Transmission

Scanner

Product Type	High-volume deposit module with cassette
Accepted Dimension	Min 60~79mm(width) / Max 120~166mm(length)
Deposit Speed	2 notes/sec
Deposit Direction	Short edge
Banknotes	KRW, JPY, Gift Ticket with Barcode (to be with other currencies)
Validation Sensor	Dual CIS (Contact Image Sensor)
Optical Resolution	300dpi
Target Resolution	100dpi, 200dpi
Light Source	RGB+IR
Max Deposit (1 time) Capacity	100 notes
Max Reject Capacity	100 notes
Max Escrow Capacity	100 notes
Max Stack Capacity	3,000 notes
Stacking Type	Mixed in the cassette
Double Feed Detection	Yes (Ultra sonic)
Inlet Shutter	Yes
Reject Shutter	N/A
Retract	N/A
Cassette Locker	Yes (option)

Interface & Power

Communication	RS-232C / High speed USB 2.0 (for image)
Software Development Kit	Hantle API
OS	Win 7, Win 10, Win 11 (32bit and 64bit)
Power	DC 24V (50/60Hz)

Physical

Physical	156mm(W) X 650mm(H) X 435mm(D)
Weight	20kg (approx)
Environment (in operation)	Temperature : +5 °C to +45 °C / Humidity : 30 % to 70 %

Technical Support

Protocol Specifications	Yes (Manual guidance)
SDK	Yes (API and manual guidance)
Others	Test Program, Dimension Drawings, SDK manual