

HDP-4500CU

High Speed Reader & Sorter

The Gold Standard for High-Speed Reader/Sorters, Boasting Unrivaled Stability and Performance
- The Ultimate Choice for Check Processing



This high-performance reader/sorter is engineered to quickly scan and sort various valuable documents, including checks and vouchers. It utilizes a high-resolution CIS (Contact Image Sensor) to support scanning a wide range of resolutions, from B/W up to 24-bit color images.

Boasting superior performance, this equipment is capable of high-speed scanning and sorting at up to 400 documents per minute (dpm). With the ability to process up to 1,000 documents in a single batch or continuously, it is perfectly optimized for environments requiring high-volume document handling. It features standard MICR (E13B & CMC7) support for accurate check data recognition and also supports a TIJ 2.5 motorized inkjet endorsing function, enhancing both efficiency and accuracy. Highlighting its flexible scalability, the machine can be expanded from a minimum of 6 pockets up to a maximum of 36 pockets, satisfying diverse sorting requirements.

This reliable solution is already a trusted market standard, holding over 90% market share in Korean commercial banks and voucher processing sectors.



Features

- 1 High-speed reader/sorter for quick scanning and sorting diverse media, including checks and vouchers
- 2 Capable of scanning B/W images up to 24-bit color
- 3 High-speed scanning and sorting up to 400 documents per minute (dpm)
- 4 Supports TIJ 2.5 motorized inkjet endorsing functionality
- 5 Over 90% market share in the domestic banks and voucher processing sectors
- 6 Supports various resolutions through the adoption of a high-resolution CIS (Contact Image Sensor)
- 7 Allows batch processing of up to 1,000 documents per session and supports continuous processing
- 8 MICR Support : Standard capability for both E13B & CMC7
- 9 Full Image Storage and Transmission

Scanner

Image Sensor	Dual CIS (Contact Image Sensor)
Resolution	100dpi, 200dpi, 300dpi
Image Depth	B/W, 256gray, 24bit color
Light Source	RGB+IR
Scan Width	140mm
Scan Speed	Max 400dpm (check/duplex/gray/200dpi)
Scan Length	110mm ~ 225mm
Extra Length Scanning of check	N/A
Image Compression	bmp / jpg, tiff (compressed in PC)

MICR Reader

E13B	99.50%
CMC7	99.90%

Others

Hopper Capability	Max 1,000 checks
Hopper Control	Motor driven
Stacker Capability	Max 200 checks/pocket
Number of Pocket	6 pocket (Standard) Max to 36 pocket extension
Escape Pocket	Yes (Double Feed, Skew, Long, Shot)
Reject Pocket	Yes
DFS	Yes (Ultra sonic)
Feeder type	Automatic friction
Color drop	Red / Green / Blue drop

Interface & Power

Communication	High speed USB 2.0
OS	Win 7, 10, 11 (32bit & 64bit)
Power	Free Voltage (100V~240V, 50/60Hz)
S/W interface	Hantle API

Physical

Dimension (6 Pocket Model)	406mm(W) X 300mm(H) X 1,314mm(L)
Weight (6 Pocket Model)	37kg (approx)

Option

Endorsement	Yes(4 lines Inkjet) powered by motor driven with TIJ 2.5 Technology
Pocket Extension	6, 12, 24, 36 pockets available (on demand)