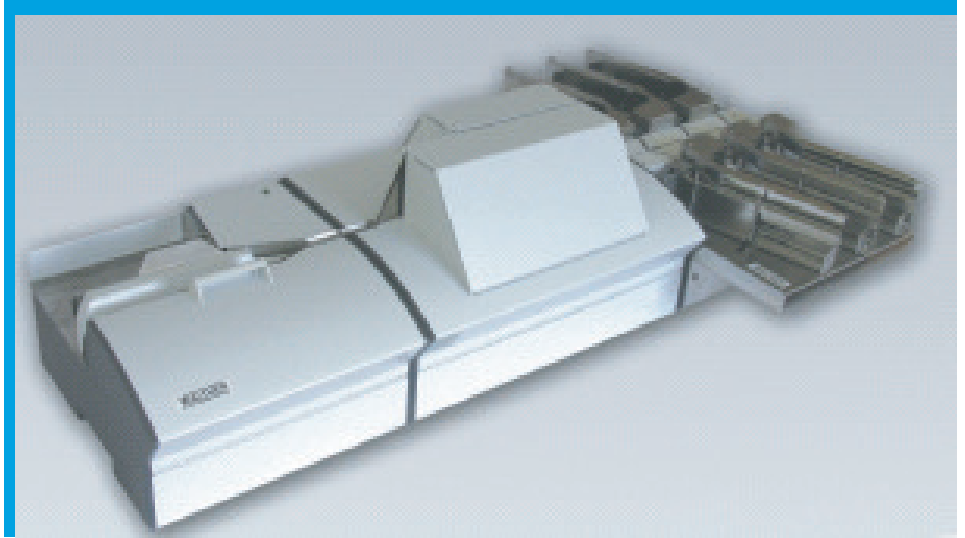


HLS 4
HIGH - LEVEL - SCANNER



WALTHER

WALTHER GmbH Scan-Solutions

HLS 4

Conception

The NEW generation of WALTHER High Level Scanners is available now.

The HLS 4 is the most powerful desk top scanner on the market and has implemented a very advanced camera technology to achieve highest image quality and performance.

A Front Camera for on line OCR and barcode recognition at any area on the document, including sorting in the same pass.

Two additional cameras (front and rear) for archiving in color or grayscale.

Technology

The HLS 4 is a well balanced high speed processing system.

The Feeder has a capacity of 500 or 1000 documents and an exception item slot and an optical or ultrasonic double feed detection.

The Central Unit with its straight on transport track reduces the risk of paper jams. High performance cameras guarantee superior image quality in combination with perfect MICR reading and OCR and bar-code out of the image.

Each Sorter Module has 6 motorized output pockets and they are scaleable up to 60 pockets

Applications

- Check processing
- ICR and Image archiving
- Processing of tickets
- Processing of payment forms
- Signature and seal verification
- Processing of all kind of small size documents

Characteristics

- Compact table-top modules
- Modular, robust and reliable
- WALTHER offers a complete device driver including the whole image handling for easy application development

TECHNICAL DATA

Automatic batch and exception item feeder with optical or ultra sonic double feed detection

Input hopper capacity up to 500 or 1000 items, continuous load

Feeder integrated power supply

Item length: 80 - 230 mm

Item height: 55-110 mm

Paperweight: 70 g - 120 g/m²

Measures: 32 x 38 x 19 cm

Weight: 9 kg approx.

CENTRAL UNIT

Reader Options

- **Optical Character Recognition** OCR-A, OCR-B, E13B, Barcode with special up stream image camera at any position of the document with sorting capability
- **Magnetic Ink Character Recognition** CMC-7 or E13B (MICR)
- **Reading Speed:** 0.5 - 1.4 m/sec.
- **Read & sort throughput:** OCR and/or MICR up to 350 dpm for 6" items
- MICR and OCR readers can be **combined in one system**

Image Features:

- Two front and one rear cameras with **100, 200 or 400 dpi**
- **24 bit color images** with RGB LED light array
- **Grayscale images**, with 256 levels of gray
- Black/White images by software
- Scanning throughput up to **350 dpm** for 6" items at transport speed of **1.4 m/s**
- Endorsement: noiseless inkjet printer front or rear with high capacity ink cartridge
- **Interfaces:**
- One or two USB 2.0 high speed for image data
- Serial RS 232 for communication, read results and host sorting
- Measures:** 46 x 55 x 27 cm
- Weight:** 28 kg approx.

Item Sorter

- Module with **6 motorized output stackers** for heavy duty purpose
- Upgradeable to 10 modules (=60 stackers) at constant speed
- **Output stacker capacity** up to 300 items, depending on paperweight
- **Measures:** 32 x 62 x 19 cm
- **Weight:** 15 kg approx

Power supply

- **Feeder integrated power supply:** 230 /115V 50/60 Hz +/- 10%
- for central unit plus two sorter modules
- One additional external power supply for 3 more sorter modules
- **Ambient temp.:** + 10°C - + 35°C
- **Relative humidity:** max. 90 % non condensing
- **Measures:** 15 x 7 x 3 cm
- **Weight:** 1 kg approx.