Discovery MultiScan is the latest generation of Print and Mail Integrity Solutions from Lake Image Systems. Based on our new Discovery platform it leads the way in performance, ease of use and flexibility. Our MultiScan Manager pulls together the images and data from a wide variety of camera and scanner based technologies and allows the implementation of any number of Discovery software tools to read, control, inspect, verify, log and report – providing 100% quality inspection and print data integrity.

Real time data integrity and print quality inspection for mail processing, secure printing and label inspection applications.

**Read**
- OCR (Optical Character Recognition)
- Barcode
- 2D, QR Code, PDF417
- Postal Barcodes
- OMR

**Inspect**
- Barcode grading to ASNI / DIN standards
- IMB Verification
- Address masking through window envelope
- Presence of indicia and postal marks
- Scratch panel for PIN numbering
- Print registration targets and density

**Control**
- Document collation
- Selective inserting
- Batch/stack, Edge Mark, Mailsort
- Read and Print Inkjet control
- Document and print matching

**Verify**
- Correct sequencing
- Print File reconciliation
- Identify duplicate and missing pieces

**Log and Report**
- 100% Proof of printing / mailing
- Operator / job / production data
- Full networked reporting
Input Devices

**Area Scan Cameras**
MaxRead, GigE, Firewire, Analogue >2M pixels

**Line Scan Cameras**
Up to 8K line scan

**Triggering**
Leading edge sensor Encoder (5000ppr)

**Processor**

**Operating System**
Windows™ XP

**Process Time**
>50 reads per second

**Chassis**
Standard PC or Industrial Rack (IP54 rated)
Power 110-230VAC

**Approvals**
CE/UL Certified

Supported Code formats

**OCR**
Fully font trainable by system operator
Skew: ±15 Deg

**Barcode**
- EAN 13
- UPC A
- Code 128
- Code 93
- 2/5 discrete
- 2/5 interleaved
- Pharmacode
- EAN 8
- UPC E
- Code 39

**2D**
- Datamatrix
- QR Code
- PDF417

**Postal Barcodes**
- US Post Office Postnet Code
- UK Post Office Four State Code
- Australian Post Office
- Japanese Post Office Code
- Planet Code

**Barcode Grading**
- To ISO/IEC 15416:2000
- UPC A
- UPC E
- Code 128
- Code 39
- 2/5 interleaved
- Codabar

**Proven Installations**
- Inserters / Cutters / Collators
- Bindary Lines
- Booklet Makers
- Plastic Card Attachers
- Polywrappers
- Digital Printers
- Hi-speed Inkjet Printers
- Rewinders
- Narrow Web / Label Presses
- Litho and Offset Presses

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