

LSR130 2D Barcode Reader with Integrated MSR

2D barcode imager and manual 4-track MSR, with options for OCR passport reading

Description

The LSR130 combines a 2D barcode imager with a manual four-track magnetic swipe reader, providing a robust and cost-effective solution for check-in areas, duty-free shops and airport lounges that typically handle 2D barcoded boarding passes but have the occasional need to read ATB2 documents, credit cards and frequent flyer cards (FQTV).

The LSR130 has a high-speed omnidirectional 2D barcode imager that reads travel documents face-up, allowing the agent to easily place the barcode in the target zone.

The imager is optimised for high throughput of airline and home-printed documents, and of barcodes on the displays of PDA's and smartphones.

The integrated four-track MSR has no moving parts, maximising reliability and minimising the cost of ownership.

Options

An option exists to integrate OCR swipe reading functionality.



LSR130 OCR option being used to read a passport



LSR130 integrated 2D BCBP, credit card, debit card, membership card and ATB2 reader

Mag Swipe Features

- Bidirectional reading of ATB2 coupons, credit cards, debit cards and frequent flyer cards.
- 4-track manual swipe reader
- IATA ATB2 722C format T1, T2, T3, T4
- Highly serviceable; easy access to major components

2D Barcode Imager Features

- Fast, omnidirectional 1D and 2D barcode imager
- Reads on presentation of a document face up
- Reads IATA-recommended linear, PDF417, Aztec, DataMatrix and QR symbologies
- Large document throat allows barcodes to be read from any position on an A4 page
- Reads 2D barcode images on PDA's and smartphones
- Serial RS232 and USB connection to host interface versions are available.
- Audible and visible indicators

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Access IS
Interfacing Solutions

LSR130 reads smartphones, home printed paper documents and magnetic strip data



Unique imager accurately and reliably reads smartphones and PDA's



Large document throat can read barcodes anywhere on A4 home printed documents



Easy-to-use MSR-channel design

LSR130 2D Barcode Reader with Manual 4-Track MSR Optional OCR Reader Specifications

Customer/agent displays

Visible/audible: Bright, green and red indicator beacons and an audio beep

Barcode reader

Linear symbologies: Code 128, Code 2 of 5, Interleaved 2 of 5, IATA 2 of 5, Code 39 enabled as standard. Others can be enabled on request

Stacked-linear and 2D symbologies: IATA resolution 792, PDF417, Aztec, Datamatrix and QR.

Media: All symbologies can be read from paper, including home-printed documents. Linear, Aztec, Datamatrix and QR symbologies can be read from PDA and smartphone displays

Performance: <1 second read capability

Construction: Compact and durable ABS enclosure with no moving parts

Magnetic swipe reader

Compliance: IATA ATB2 722C format, T1, T2, T3 & T4. Three track magnetic

cards complying with ISO7811/ 2-5

Media: ATB2 tickets, 8" and 7 $\frac{3}{8}$ ", ATB wallet and ATB2 boarding pass (with or without stubs) and credit cards

Processing time: Manual swipe processing/read less than 1 second

Magnetic head life: 250K reads

OCR swipe reader (optional)

General: Reads machine readable travel documents (MRTDs) to ICAO 9303 standard

Machine readable passports (MRP) : Two lines of 44 characters

Machine readable visas (MRV): Two lines of 44 characters, two lines of 36 characters

Travel documents: Three lines of 36 characters, three lines of 30 characters

Interface Options

RS-232C by 9-way D-type

USB (keyboard or virtual serial)

Dimensions (overall)

218L x 210W x 150H mm

Power supply for Serial Devices

5V DC. Can be powered using either a 'USB Power Stealer' device or an external AC universal power supply (specify preference when ordering)

Environmental

Temperature: Operating 0°C to +50°C; storage 0°C to +60°C

Humidity: 0 to 95%, non-condensing

Approvals: FCC Class B, CE EMC Class B, CE Low Voltage Directive, IEC60825-1 LED Safety: Class 1

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