HID® MDR750
Multi-Document Reader

ALL-IN-ONE FUNCTIONALITY

Multiple devices are often used to read and verify different forms of identification during passenger processing and customer transactions. The MDR750 simplifies this by combining ID document reading and barcode scanning capabilities into one device, replacing separate devices and streamlining verification.

USER-CENTRIC DESIGN

User-friendliness is central to the MDR750's design philosophy. The flat-bed design enables efficient scanning of ID documents and effortless reading of barcoded tickets, in any orientation.

Operators can be confident in the successful capture of data from the ID document and its safe removal from the scanning window thanks to the combination of visual and audio cues. The twin runway lights provide clear visual feedback on read status and progress. A loud audio beeper confirms successful capture of electronic ID document data.

EFFICIENT PROCESSING

The MDR750 has a built-in processor that can quickly capture MRZ, barcode, and RFID data.

VERSATILE IDENTITY VERIFICATION

The MDR750 can also capture digital face images and digital MRZ data from RFID e-passport chips*. The device allows for the display of the facial image (optional) on a separate monitor, enhancing identity verification for the operator. Dual verification processes improve security and user experiences by confirming successful data retrieval from the passport chip.

CLOUD-READY CONVENIENCE

MDR750 is designed to connect with cloud systems using secure IoT MQTT protocol. This feature not only streamlines the device setup but also aligns it with modern cloud-based IT systems.

APPLICATIONS

- **Travel and Transportation:** Airport check-in staffed desks, Pre-security staffed desks
- **Government:** Voter registration, Biometric enrollments, Border management
- **Hospitality:** Guest registration, Age verification
- **Banking and Finance:** Know Your Customer (KYC) processes for Anti-Money Laundering (AML) programs
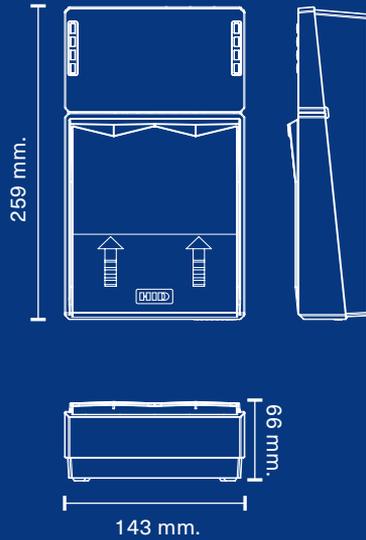- **Retail:** Customer Onboarding, Tax refunds

FEATURES:

- **MRZ Reading -** Reads ICAO 9303 compliant documents, including e-Passports, Visas, ID cards plus ISO 18013 compliant driving licenses
- **Barcode Reading -** Fast, omni-directional 1D/2D barcode imager
- **Barcode Reading Capabilities -** Reads IATA-recommended PDF417, QR, Aztec and other 2D and linear symbologies
- **Flexible -** Wide range of emulations and connection options available
- **Simple Integration -** USB and Ethernet connections to host
- **Clear Feedback -** Read status indicator lights and loud audio beeper
- **Built-in Processor -** Rapid capture of MRZ, barcode and RFID* data
- **Optional Contactless Capability -** ISO 14443 contactless RFID reader/writer supports ICAO LDS standards, including BAC

HID

MDR750

259 mm.

66 mm.

143 mm.

FEATURES

Connection Types

- USB
- Ethernet

Technology

- NFC / RFID*
- QR/Barcode
- OCR / MRZ

Reader Size

- Full Page

* Optional

Learn more >>

MDR750	
	READING CAPABILITIES
OCR (Optical Character Recognition)	Standard OCR fonts: OCR-B Machine readable passports (MRP): 2 lines of 44 characters Machine readable visas (MRV): 2 lines of 44 characters, 2 lines of 36 characters Travel documents: 2 lines of 36 characters, 3 lines of 30 characters
Barcode Reading	1D symbologies: Code 128, Code 2 of 5, Interleaved 2 of 5, IATA 2 of 5, Code 39, EAN 2D symbologies: IATA resolution 792, QR, Aztec, PDF417 and Datamatrix codes. Media types: Smartphone, tablet and smartwatch displays and paper documents and tickets. Performance: Less than 1 second read capability
Contactless RFID Reading (Optional)	Supported media: ISO14443 type A and B cards (Java cards); max baud 424K (extendable to 848K) MIFARE UL, Classic 1K, Classic 4K, UL-C, MIFARE Plus; max baud 106K Operating frequency: 13.56 MHz Operating distance: 20 mm
Communications & Host	Host interface: USB Ethernet Secure MQTT connection to cloud services
Protocols Supported	Amadeus ACUS® ARINC iMuse & VMuse® Embross CUPPS SABRE EGR® SITA Airport Connect® Materna CUSE Secure IoT MQTT
	ELECTRONIC
Power	Input voltage: 12VDC; power adapter supplied
	PHYSICAL
Dimensions	6 x 10 x 2.6 in (143 x 259 x 66 mm)
Active Scan Window	5.1 × 3.7 in (130 x 94 mm)
Construction	Robust PC/ABS enclosure with no moving parts
Weight	2.4 lbs. (1100g)
Cable Length	Approx. 6.5 ft (2 m)
	THERMAL (AIR)
Temperature	Operating 32°F to 122°F (0°C to 50°C)
Storage	32°F to 140°F (0°C to 60°C)
Humidity	0-95% non-condensing
	APPROVALS
	EMC: FCC 47CFR Part 15 Subpart B Class A, EN 55032 Class A, EN 55035, EN 301 489-1, EN 301 489-3 Radio: FCC Part 15 Subpart C, EN 300-330 Safety: EN 62368-1

HID

hidglobal.com

North America: +1 512 776 9000 | Toll Free: 1 800 237 7769
Europe, Middle East, Africa: +353 91 506 900
Asia Pacific: +852 3160 9800 | Latin America: +52 55 9171 1108
For more global phone numbers click here