HID® OCR602

Compact MRZ/RFID eID Card Reader With USB Interface

The HID OCR602 delivers fast, accurate identity verification for desktop applications. Its compact, user-friendly design combines Optical Character Recognition (OCR) and RFID reading for efficient ID-1 document data capture and verification.

COMPACT AND EASY TO INTEGRATE

The OCR602's space-saving design fits effortlessly into desktop environments. Its USB-powered, plug-and-play functionality ensures quick, hassle-free deployment.

FAST AND RELIABLE ID-1 DOCUMENT READING

The OCR602 quickly and accurately reads ID-1 sized documents with Machine-Readable Zones (MRZs) — such as electronic national ID cards. Its advanced OCR and RFID technology seamlessly reads data for streamlined eID verification and smooth transfer into third-party systems.

USER-FRIENDLY OPERATION

The OCR602 automatically detects and reads ID-1 format card data from a single presentation, enabling seamless ID verification with minimal operator training.

APPLICATIONS

The OCR602 is ideal for applications requiring fast, secure eID verification:
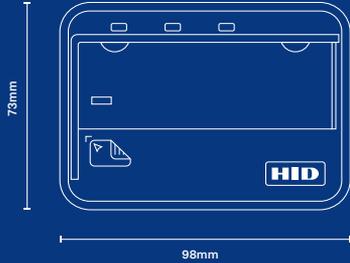
- **Banking & Financial Services** — Supports in-branch Know Your Customer (KYC) verification for secure customer onboarding
- **Healthcare** — Enables patient registration and authentication for secure access to medical services and prescriptions
- **Telecommunications & Retail** — Verifies identities for new subscriber enrollment and SIM registration, reducing fraud and ensuring compliance
- **Elections & Government Services** — Enhances voter ID verification, ensuring secure and efficient electoral participation

KEY FEATURES:

- **Dual OCR and RFID reader** — Captures and extracts data with precision
- **Compact footprint** — Optimized for space-constrained environments
- **USB-powered** — Plug-and-play setup for hassle-free deployment
- **Intuitive operation** — Requires minimal staff training
- **Automatic detection of eID cards** — Enables instant processing
- **Easy to integrate** — SDKs available for seamless software integration

HID

OCR602

FEATURES

Connection Types

⚡ USB

Technology

🅽 NFC / RFID
ABC OCR / MRZ

OCR602	
MRZ READING	
OCR (Optical Character Recognition)	1 line: IDL, CAN and other 1-line MRZ documents 3 lines: eID
Font Type	OCR B as per ICAO 9303
CONTACTLESS READING	
Host Operating System	Windows, MacOS, Linux, Android
Communication	Custom CCID library (Android) CCID compliant (Windows, macOS, Linux) PC/SC 2.01 compliant (Windows, macOS, Linux)
NFC Support	Card reader/Writer mode
Speed	Baudrate up to 848 kbps
Supported Protocols	ISO 14443 Part 1 to 4, type A/B − T=CL and MIFARE All MIFARE products: Ultralight, 1K, 4K, Plus, DESFire EV1, Smart MX
Firmware	Support for RF configuration Pass-through command to reach protocol lower layer Field upgradable
PHYSICAL	
Dimensions	3.9 x 2.9 x 1 in (98 x 73 x 23 mm)
Construction	Housing: Gray ABS Glass: Tempered
Cable Length	150mm
Weight	125g
THERMAL (AIR)	
Temperature - Operating	32°F to 122°F (0°C to 50°C)
Temperature - Storage	-40°F to 176°F (-40°C to 80°C)
Humidity	0-95% non-condensing
APPROVALS	
EMC	EN 301 489-1 EN 301-489-3
Radio	EN 300 330
Safety	EN IEC 62368-1 EN IEC 62311 EN 50665