

Thales Identity Card Reader/ Identity Card Reader with RF



Identity & Biometric Solutions

Product Description

The Thales Identity Card Reader helps institutions inspecting and imaging travel documents, mobile & physical driver licenses including electronic travel documents and 1D and 2D barcodes. Optionally, the Thales Identity Card Reader with RF model can read digital credentials conforming to mDOC specification, including QR codes and Bluetooth data retrieval.

The reader's low profile and simple shape make it ideal for placing in counters, bank branches and ultimately in any commercial location that requires a secure interaction with credential documents and 1D/2D barcodes.

The design of the Thales Identity Card Reader is a step forward in terms of ergonomics and ease of usage when dealing with ID documents, that can be easily presented on the scanner glass for consistent reading with no prior knowledge from the end-user.

Features

- Reading of paper and cell phone barcodes (BCBP)
- Optional support for biometrically enabled travel documents and driving licenses containing contactless integrated circuit chips (eIDs, eDLs and mDoc based digital documents)
- Reads and images multiple types of documents in Visible and Infrared with outstanding color rendition
- High-resolution up to 700 dpi option includes USB 3.2 Type-C™ host port enabling fast image captures with very fine detail
- Reads documents and barcodes placed at any rotation on the glass and presents images correct way up based on features in document
- OCR data capture of the Machine Readable Zone (MRZ)
- Auto-triggering of document capture – presence of document is automatically detected
- Chemically Strengthened document glass for advanced durability
- Complete access to OCR data and images captured via Software Development Kit (SDK)
- Access to images as BMP, PNG or JPEG format
- Very low operational power consumption: Energy Star certified device
- Non-plastic packaging and extended device longevity reduces carbon footprint during full product lifecycle
- Uses the same API interface as other Thales document readers using Thales Document Reader SDK
- Simple high level API for quick program development or detailed low level API for fine control of all reader functions

Specifications

ILLUMINATION

- White visible: 400-700nm
- Near IR B900: 880nm, +/-5%

RESOLUTION

Full-color High Resolution up to 700 DPI

READING CAPABILITIES

- ICAO compliant TD1 sized documents in near infrared (IR) per ICAO 9303 specification
- One line Driving Licenses in near infrared (IR) per ISO18013 part 2 specification
- 1D barcodes (2 of 5 interleaved, 2 of 5 industrial, Code 128, Code 39, EAN-8 and EAN-13)
- 2D barcodes used on BCBP and other documents (PDF 417, QR Code®, DataMatrix™ and Aztec formats) from paper documents and many mobile devices
- AAMVA parser decodes North American driver license barcodes

OPTIONAL RF MODEL

- Contactless IC reading for eDL & iDL (electronic driving licences) up to DG14 including basic access control (BAC/BAP) ISO 18013-2/3 and ISO/CEI TR 19446 using included SDK
- mDL & mDoc compatible: QR code and NFC pairing with digital ID documents; Fast Bluetooth transmission of identity data conforming to ISO/IEC 18013-5 standard

TEMPERATURE

- Storage: from -20°C to +50°C
- Operating: from -10°C to +50°C

HUMIDITY

20 to 95% (R.H. non-condensing)
IP rating: IP54

DIMENSIONS

11.9cm x 11.9cm x 9.3cm

WEIGHT

320 gr.

SUPPORTED OPERATING SYSTEMS

- Windows® 8.1, Windows® 10 or Windows® 11 operating systems, 32 & 64-bit
- Linux, Ubuntu and CentOS LTS, 32 & 64-bit
- macOS (limited SDK functionality)

CERTIFICATIONS

FCC Part 15 Class A, CB report, US & CA ETL Listed, CE - RED, LVD & EMC, EU WEEE, REACH & RoHS Directive, Energy Star

POWER

USB 3.2 port

This document is subject to change without notice.

Important Notice

All statements, technical information and recommendations contained herein are based on tests we believe to be reliable as of the date of this publication, but the accuracy or completeness thereof is not guaranteed, and the following is made in lieu of all warranties, or conditions express or implied. Seller's and manufacturers' only obligation shall be to replace such quantity of the product proved to be defective. Neither seller nor manufacturer shall be liable for any injury, loss or damage, direct, special or consequential, arising out of the use of or the inability to use the product. Before using, user shall determine the suitability of the product for his/her intended use, and user assumes all risk and liability whatsoever in connection therewith. Statements or recommendations not contained herein shall have no force or effect unless in an agreement signed by officers of seller and manufacturer.

> thalesgroup.com <



THALES
Building a future we can all trust