

ELYCTIS

e-ID expert

ID BOX ONE - Handheld series

All-in-1 mobile eDocument reader



- USB powered - Multi-plug USB connector
- Fits with tablets, smartphones and PCs
- Adjustable sleeve upon demand
- Dedicated to ePassports and all identity documents
- Scans MRZ and reads contact and RFID cards
- Reduced dimensions and weight
- Fast Reading

Applications

- Police identification
- Border control
- Airport check-in
- Hotels
- Travel agents
- Banks
- Car rental

Product Range

	ID BOX One 341
Fingerprint sensor	✓
MRZ Scanner	✓
Contactless reader	✓
Contact reader	✓

Features

General

- Dimensions 194 x 75 x 28 mm
- Temperature In operation: 0°C to +50°C
Storage: -40°C to +80°C
- Communication USB 2.0 full speed (12 Mbps)
- Host operating systems Windows, MacOS, Linux, Android

Contactless reader

- 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, ...
- Speed Baudrate up to 848 kbps
- Communication CCID compliant (Windows, MacOS, Linux)
Custom CCID library (Android)
PC/SC 2.01 compliant (Windows, MacOS, Linux)
PC/SC .net wrapper (Windows)
- Firmware Support for RF configuration
Path-through command to reach protocol lower layer
Field upgradable

Finger print sensor

- Image quality Standard FBI PIV / FBI Mobile
ID FAP 20
- Sensor type Optical
- Resolution 500 ppi

MRZ scanner

- MRZ Lines 1 line: IDL, CAN, ...
2 lines: ID2 cards, ePP
3 lines: eID
- Font Type OCR B

Contact card reader

- Supported protocols ISO 7816 – T=0 and T=1
EMV 2011 4.3 level 1
Memory cards thanks to M-Card API
5V, 3V, 1.8V, ISO 7816 Class A/B/C
- Speed Baudrate up to 600 kbps
TA1=97 supported
Clock: 5 Mhz (ISO 7186) – Up to 12 MHz
- Communication CCID compliant (Windows, MacOS, Linux)
Custom CCID library (Android)
PC/SC 2.01 compliant (Windows, MacOS, Linux)
PC/SC .net wrapper (Windows)