

# ELYCTIS

*e-ID expert*

## ID BOX ONE - Desktop series

*e-Document verification without movement*



- Dedicated to ePassports and all identity documents
- Scans MRZ and reads RFID chip without movement
- Supports ICAO & IAS standards
  - Fast reading
  - Reduced footprint
- USB powered
- Automatic detection

[www.elyctis.com](http://www.elyctis.com)

## Applications

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

## Product Range

	ID BOX One 111	ID BOX One 121	ID BOX One 151	ID BOX One 152
MRZ scanner	✓	✓	✓	✓
Contactless reader		✓	✓	✓
Contact reader			✓ (2 units)	✓
SAM connector			✓	✓
Fingerprint sensor				✓

## Features

### General

- Dimensions 140 x 90 x 105 mm for ID BOX One 111 and 121  
140 x 90 x 115 mm for ID BOX One 151  
140 x 120 x 115 mm for ID BOX One 152
- 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
- Number of antennas 2
- 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

### MRZ scanner

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

### Fingerprint sensor

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

### Contact card readers

- 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)

### ELYCTIS sarl

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