

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

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

91 rue Benjamin Franklin – 84120 Pertuis – FRANCE
Tel. +33 6 27 71 37 68
contact@elyctis.com - www.elyctis.com
Siret 508 994 449 00033 – VAT number FR47 508 994 449

ELYCTIS HK Limited

D2 2/F Mai Wah Ind. Bldg. – 1-7 Wah Sing St. Kwai Chung
NT – HONG KONG
Tel. +852 91 08 78 58
contact_hongkong@elyctis.com