

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

ID BOX ONE - Desktop series

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

MRZ scanner

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

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

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)

Fingerprint sensor

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

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 | | | | ✓ |



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