

ID BOX - ID3 Desktop series

e-Document verification without movement



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

Product Range

	ID BOX 111	ID BOX 121	ID BOX 131	ID BOX 132	ID BOX 141	ID BOX 142	ID BOX 143	ID BOX 144	ID BOX 151	ID BOX 152
MRZ scanner	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Contactless reader		✓	✓	✓	✓	✓	✓	✓	✓	✓
Contact reader			✓		✓ (2 units)	✓	✓		✓ (2 units)	✓
SAM reader									✓	✓
1D/2D scanner							✓	✓		
Fingerprint sensor				✓		✓		✓		✓

ID BOX 121



ID BOX 131



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ID BOX 141



ID BOX 142



ID BOX 143



Features

General

- Dimensions 140 x 90 x 105 mm for ID BOX 111 and 121
140 x 90 x 115 mm for ID BOX 143 & 151
140 x 120 x 115 mm for ID BOX 142 & 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
- Compliances CE (incl. EN62368)
RoHS
Reach
ICAO 9303 / IAS
ISO/IEC 7501-1

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

1D/2D barcode scanner

- Supported media Paper and screen
- Supported codes 2D : QR, PDF417, 1D PDF417, Data Matrix, Maxicode, Aztec,
Hanxin, etc

1D : EAN, UPC, Code 39, Code 93, Code 128, Codabar,
Interleaved 2 of 5, ITF-6, etc

MRZ scanner

- MRZ Lines 1 line: IDL, CAN, ...
2 lines: ID2 cards, ePP
3 lines: eID
- Font Type OCR B as per ICAO 9303

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