

# ELYCTIS

*e-ID expert*

## **ID READER** - Desktop series *Citizen Home ID authentication*



- Reads any eID chip
- Contact and contactless
- Fast reading time
- Reduced size
- Easy branding personalization
- Ideal for mass market home ID

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

# ID READER - Desktop series

## Features

### General

- Dimensions 80 x 65 x 12,5 mm for ID READER 112  
96 x 65 x 13,8 mm for ID READER 111 & 121
- Temperature In operation: -20°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
- Standby mode 320uA (Low Power Card Detection – LPCD)
- Polling mode 30mA (Waiting for a card)
- Communication mode 200mA max (Card in field)

### 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  
Pass-through command to reach protocol lower layer  
Field upgradable

### Contact card reader

- Supported protocols ISO 7816 – T=0 and T=1  
5V, 3V, 1.8V, ISO 7816 Class A/B/C
- Speed Baudrate up to 230 kbps  
Clock: Up to 10 Mhz
- Communication CCID compliant (Windows, MacOS, Linux)  
Custom CCID library (Android)  
PC/SC 2.01 compliant (Windows, MacOS, Linux)  
PC/SC .net wrapper (Windows)
- Firmware Field upgradable

## Product Range

	ID READER 111	ID READER 112	ID READER 121
Contactless reader		✓	✓
Contact reader	✓		✓



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