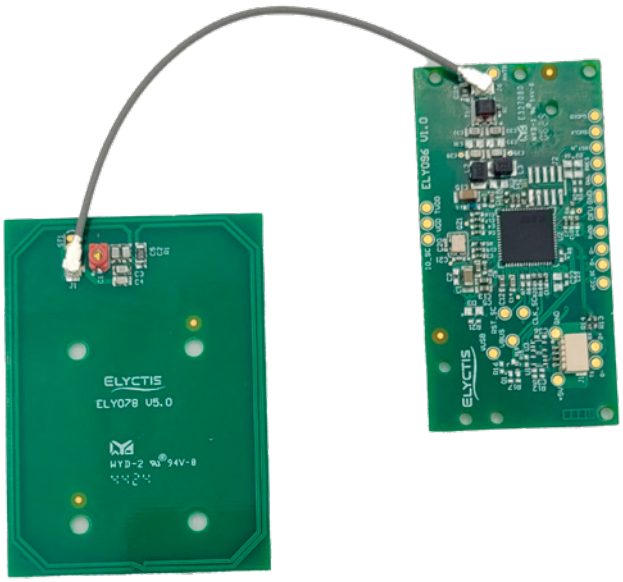
ELYCTIS

e-ID expert

ID READER - OEM series

High speed dual reader



- *USB and HSU connection*
- *Dual interface*
- *Integrated or remote contact SC*
- *Attached or remote antenna*
- *CCID protocol*
- *Fast reading*
- *Optimized for eID*
- *Low power*

www.elyctis.com

ID READER - OEM series

Features

General

- Dimensions: 64 x 32 x 4 mm
- Temperature: In operation: -20°C to +50°C
Storage: -40°C to +80°C
- Communication: Hi-speed UART (1.288Mbit/s)
USB 2.0 full speed (12 Mbps)
- Host operating systems: Any Embedded hosts
- Standby mode: 320uA (Low Power Card Detection – LPCD)
- Polling mode: 30mA (Waiting for a card)
- Communication mode: 250mA 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,...
- NFC support: Card Reader/Writer mode
- Speed: Baudrate up to 848 kbps
- Communication: Custom CCID library (Android)
CCID compliant (Windows, MacOS, Linux)
PC/SC 2.01 compliant (Windows, MacOS, Linux)
- Firmware: 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: Custom CCID library (Android)
CCID compliant (Windows, MacOS, Linux)
PC/SC 2.01 compliant (Windows, MacOS, Linux)

Product Range

	ID READER 021 - USB					
Part number	28780062	28780063	28780103	28780104	28780122	28780123
Contactless reader	✓	✓	✓	✓	✓	✓
Contact reader	✓	✓	✓	✓	✓	✓
Contact station	Integrated	Remote	Integrated	Remote	Integrated	Remote
RFID antenna	Attached epoxy	Attached epoxy	Attached FPC	Attached FPC	Remote 50Ω	Remote 50Ω

	ID READER 012 - USB		
Part number	28780130	28780111	28780120
Contactless reader	✓	✓	✓
Contact reader			
Contact station	N/A	N/A	N/A
RFID antenna	Attached epoxy	Attached FPC	Remote 50Ω

	ID READER 011 - USB	
Part number	28780114	tbd
Contactless reader		
Contact reader	✓	✓
Contact station	Integrated	Remote
RFID antenna	N/A	N/A

	ID READER 021 - HSU	
Part number	tbd	tbd
Contactless reader	✓	✓
Contact reader	✓	✓
Contact station	Integrated	Remote
RFID antenna	Remote 50Ω	Remote 50Ω

P/N 28780120

Réalisation et impression AMS-Concept - Photos non contractuelles - V3.1

ELYCTIS sas

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