

SMARTJAC certificate based PKI minidriver enabled demo card



Brand: Smartjac Industries Inc
Product Code: SMA300201
Weight: 0.01kg
Dimensions: 0.00cm x 0.00cm x 0.00cm

Price: €29.50

Ex Tax: €29.50

Short Description

SMARTJAC certificate based minidriver demo card including contact interface and contactless Mifare 1k, EM4200 contactless interface + HiCo Mag.Stripe

(Graphical and Electronical personalisation by request)

Description

Perfect integration in Windows environment—Certified and distributed by Microsoft, the IDPrime MD minidriver ensures immediate integration with all Microsoft environments, plus Plug & Play service up to Windows 10, based on a secure chip flashmask with a total capacity of 300KB.

Centralized management control— IDPrime 830 is fully supported by SafeNet Authentication Manager, which reduces IT overhead by streamlining all authentication operations, including deployment, provisioning, enrollment, and ongoing maintenance, as well as offering support for lost tokens.

No compromise on security—As reflected by the FIPS 140-2 Level 3 certification of the combination of java platform and the PKI applet, the IDPrime MD 830 smart cards

implement the most advanced security countermeasures for enforcing protection of all sensitive data and functions in the card.

Enhanced cryptographic support—IDPrime MD offers PKI services with both RSA and elliptic curves.

Product characteristics

Memory

IDPrime MD memory allows the storage of up to 15 RSA or Elliptic curve key containers

Standards

BaseCSP Minidriver v7 (IDGo 800 Minidriver) PKCS#11 & CSP (SafeNet Authentication Client)

Operating systems

Windows, MAC, Linux, Android, iOS

Cryptographic algorithms

Hash: SHA-1, SHA-256, SHA-384, SHA-512

RSA: up to RSA 2048 bits

RSA OAEP & RSA PSS

Elliptic curves: P-256, P-384, P-521 bits, ECDSA, ECDH

On-card asymmetric key pair generation (RSA up to RSA2048 & Elliptic curves, RSA 1024 support

available in FIPS 140-2 Level 2 configuration)

Symmetric: 3DES (ECB, CBC), AES – For secure messaging and Microsoft Challenge/Response only

Communication protocols

T=0, T=1, PPS, with baud up to 460 Kbps

Other features

Onboard PIN Policy

IDPrime family of cards can be customized (card body and programming) to fit customers' needs.

Technology

Embedded crypto engine for symmetric and asymmetric cryptography

Lifetime

Minimum 500,000 write/erase cycles

Data retention for minimum 25 years

Certification

(Chip) - CC EAL6+

Certification (Java and applet)

FIPS 140-2 Level 3

Gemalto original applets

MPCOS E-purse & secure data management application

Security

The IDPrime MD smart cards include multiple hardware and software countermeasures against various attacks:

side channel attacks, invasive attacks, advanced fault attacks and other types of attacks.

IDPrime MD 830 is FIPS 140-2 Level 3 for both the Java platform and the combination of the Java platform and the PKI applet