![Smartcard Focus logo]

Gemalto IDPrime PIV card V2.1

The IDPrime PIV card V2.1 from Gemalto is a 144kB dual-interface standards-based smartcard suitable for public and private organisations wishing to leverage the benefits of the NIST PIV or CIV standard.

Delivering high levels of security for identity management and authentication, this PIV card is an update to the Gemalto IDPrime PIV V2 card, for use with contact and contactless readers. It has 144kB of memory and features an ISO 14443 compliant contactless interface as well as an ISO 7816 contact interface. The card is electrically pre-personalized with a default data model, PIN values and master key, and is configured to use Global Secure Channel Protocol 03 (SCP03).

Gemalto IDPrime PIV V2.1 cards are certified Federal Information Processing Standard 201 (FIPS 201-2) and FIPS 140-2 Level 2 validated.

Please note that you will require additional PIV-compliant issuance software in order to utilise these cards for applications such as Windows log-on.

Laser-engraved white PVC card with magnetic stripe.

Gemalto (SafeNet) part number O1110994 IDPrime PIV V2.1

Dual interface PIV-compliant smartcard, default pre-personalisation, SCP03 AES. Laser-engraved white card. Requires additional software for issuance.

To buy, visit:
https://www.smartcardfocus.com/shop/ilp/id~869/p/index.shtml

This Product Briefing has been produced by <u>Dot Origin Ltd</u>, the smart card experts behind <u>SmartcardFocus.com</u>. If you have a query email <u>sales@smartcardfocus.com</u> or call us on +44 (0)1428 685250.

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Technical Specifications

Memory: 144kB EEPROM, with PIV 2.1 applet already loaded on the TOP DLv2.1 Java Card platform, 20 key containers, fingerprint and iris biometric containers .

Cryptographic algorithms: SHA-1, SHA-256, SHA-384, SHA-512; RSA up to 2048 bits; On-card asymmetric key pair generation (RSA up to 2048 bits or elliptic curve to 384 bits) and Deterministic Random Bit Generator; AES symmetric keys up to 256 bits.

PIN: Global PIN and local PIN

Card interfaces: ISO 7816 T=0 or T=1 protocol ; ISO 14443 contactless interface NFC (T=CL); IU high coercivity magnetic stripe

Compliance / Certification

ISO 7816, ISO14443, FIPS 140-2, FIPS 201-2, Design assurance Level 3 SCP03

Operating System support

Windows, Linux, Mac

Manufacturer's part number: Gemalto (SafeNet) O1110994 IDPrime PIV V2.1

Manufacturer:<u>Thales Gemalto</u>

Connection Method: USB