



SPECIFICATION SHEET



VeriSign® Unified Authentication

+ VeriSign Multipurpose Next-Generation Token

The VeriSign® Multipurpose Next-Generation Token is an all-in-one device, incorporating state-of-the-art smartcard technology enabling a variety of authentication and security-related solutions including One-Time Password (OTP) and PKI authentication. The OTP functions can be used in a variety of applications including secure access to network resources or commercial Web applications. The PKI functions are primarily used for digital signing, encryption, and securing access to personal or corporate network resources. An integral part of the VeriSign Unified Authentication Solution, the VeriSign Multipurpose Next-Generation Token is a highly flexible and versatile device. By supporting multiple strong authentication methods, the same device becomes capable of dealing with a wide range of networks, applications, and end user needs.

+ VeriSign Multipurpose Next-Generation Token Specifications

Models (by memory size)	32k
Operating systems	Windows 2003/XP/2000
Certifications and standards	CAPI (Microsoft® Crypto API), Siemens/Infineon APDU commands, PC/SC, X.509 v3 certificate storage, SSL v3, IPSec/IKE
ISO specification support	Support for ISO 7816-1 to 4 specifications
Onboard security algorithms	RSA 1024-bit, DES, 3DES (Triple DES), SHA1, (MD5 - optional)
Key storage	Up to 9, 1024-byte key pairs
OTP security algorithm	OATH compliance
Speed*	RSA 1024-bit signature approx. 1 second RSA 1024-bit key generation approx. 25 seconds
Smartcard chip security level	ITSEC LE4 (Infineon) FIPS 140 - 1 level, 2 & 3, CC EAL5 pending.
Dimensions	L=70.5, W=28.0, H=10.5mm



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Weight	17.1g
LCD display	View area 29.88 x 8 mm, 8 Characters, Characters Size 5.54 x 2.96 mm
Power dissipation**	120mW
Operating temperature	0 C to 65 C (32 F to 149 F)
Storage temperature	-20 C to 65 C
Humidity rating	10% - 95%
Water resistance certification	Not available
Connector	USB type A (Universal Serial Bus)
Casing	Hard molded plastic, tamper evident
Memory data retention	At least 10 years
Memory cell rewrites	At least 500.000
Battery life time	3-5 years depending on number of OTP generations

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For more information about VeriSign Unified Authentication, please call 650-426-5310 or email unifiedauthentication@verisign.com