



SPECIFICATION SHEET



VeriSign® Unified Authentication

+ USB Token

The VeriSign® USB Token can generate and store users' personal credentials, such as private keys, passwords, and digital certificates, inside the protected environment of the smartcard chip. Users' private keys never leave the token. Cost-effective and easy to use, the VeriSign USB Token is a true reader-less smartcard that can be easily taken from one workstation to another on a key ring or in your pocket.

As an integral piece of the VeriSign Unified Authentication solution, the VeriSign USB Token offers two-factor authentication using advanced cryptographic smartcard technology. With its advanced onboard cryptographic processors, its ITSEC LE4 level security certification, and its physical tamper-evident and water resistant casing, VeriSign's USB Token is ideal for your corporate network and application security needs.

+ VeriSign USB Token Specifications

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
Models (by memory size)	32k
Onboard security algorithms	RSA 1024-bit, DES, 3DES (Triple DES), SHA1, (MD5 - optional)
Key storage	Up to 9, 1024-byte key pairs
Smartcard chip security level	ITSEC LE4 (Infineon), FIPS 140-1 level 2 & 3
Speed	RSA 1024-bit signature approx. 1 second RSA 1024-bit key generation approx. 25 seconds
Dimensions	47 x 16 x 8 mm (1.85 x 0.63 x 0.31 inches)
ISO specification support	Support for ISO 7816-1 to 4 specifications



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Weight	5g
Power dissipation	120mW
Operating temperature	0 C to 70 C (32 F to 158 F)
Storage temperature	-40 C to 85 C (-40 F to 185 F)
Humidity rating	0-100% without condensation
Water resistance certification	IP X8 – IEC 529
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

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