

# HYPERPKI®

## HYP2003 USB TOKEN

DATASHEET

HSTE-NB0026 RV 3.3

## OVERVIEW

Our versatile HyperPKI HYP2003 smart card USB token is a USB-interfaced device that offers a variety of security measures, including certificate-based public key infrastructure (PKI) authentication, digital signing, encrypting/decrypting files such as emails and documents, VPN client authentication, and more.

With a FIPS 140-2 certification from NIST, the HYP2003 features onboard private key generation and operation, and a reliable middleware that supports multiple operating systems.



**Dimensions (mm):** 53 x 16.5 x 8.5  
**Weight (g):** 6

## SPECIFICATIONS

**Memory space:** 64 KB

**Connectivity:** USB 2.0 compliant

**Data retention:** At least 10 years

**Memory rewrite cycle:** At least 500,000 read/write cycles

**Operating systems:** Windows/Linux/macOS

### API and standards support

- Microsoft CAPI, CNG
- PKCS#11 V2.20
- Microsoft Smart Card Minidriver
- PC/SC, CCID
- SSL v3
- IPSec/IKE

**FIPS140-2 Security Level:** Level 3

### FIPS-approved cryptographic algorithms

- AES-128, 192, and 256 bits
- ECDSA P-256 with SHA-256
- RSA-2048 with SHA-256, SHA-384 and SHA-512
- SHS digital signature: SHA-256, SHA-384, SHA-512
- SHS non-digital signature: SHA-1, SHA-256, SHA-384, SHA-512

**Operating temp:** 0°C - 60°C

**Storage temp:** -20°C - 70°C

**Humidity:** 0 - 100% RH