

KT-1

Key Chain Token

The KT-1 Key Chain token is CRYPTOCard's most popular token, it combines simplicity, durability and attractive styling. The KT-1 is the ideal token for users of any skill level. Users particularly enjoy the tokens ease-of-use, attractive metal styling and the fact that it never expires.



Maximum Flexibility

The KT-1 is an event-based token which generates a new one-time password each time the token is activated. The token is activated by pressing the button beside the LCD display.

Token Initialization and Programming

The ability to initialize tokens provides you with the highest degree of control over your security policy and authentication mechanism.

KT-1 tokens can be initialized with a new seed key using the optional KT-1 initializer connected to the CRYPTO-Server. The token can also be reprogrammed to modify password complexity, encryption algorithms and other attributes.

Alternatively, deployment-ready preprogrammed KT-1 tokens can be ordered from CRYPTOCard.

Replaceable Batteries

Unlike competitors' tokens which must be replaced every few years, KT-1 tokens are powered by two replaceable coin-cell

batteries, which typically provide 5 to 6 years of service. Batteries may be replaced, in-service, as required to extend the service life of the token. A low battery warning appears on the LCD display approximately two months before the batteries are exhausted.

Authentication Modes

- Event synchronous
- Challenge/Response

Encryption Algorithms

- DES
- 3DES
- AES 128-bit, 192-bit, 256-bit

Passcode Complexity

- 5, 6, 7, or 8 characters
- Numeric (0-9)
- Hexadecimal (0-9, A-F)
- Base 32 (0-9, Aa-Zz)
- Base 64 (0-9, Aa-Zz, Shift+ 0-9)

Features & Benefits

- Platform Independent
- User Replaceable Batteries.
- Tokens never expire - no repurchase necessary.
- Tokens can be resynchronized with the server locally without administrator support.
- Seed Keys not shared.

PIN Management

- Token-based PIN
- Server-side PIN
- “No PIN” option
- PIN complexity (numeric, alphanumeric, strong alphanumeric)
- Configurable minimum PIN length
- Disallow trivial PINs (1234, 1111, ABCD)
- Maximum number of consecutive incorrect PIN attempts

Key Management

- Seed keys do not need to be shared with the manufacturer
- Initialization process eliminates need to deliver tokens with keys stored on disk or in e-mail
- Seed keys can be changed at any time
- Key length selection
- Revoked tokens can be re-keyed before redeployment
- Key is randomized with each initialization

Dimensions

- Length: 65.6 mm (2.6”)
- Width: 35.6 mm (1.4”)
- Depth: 9.0 mm (0.4”)

Weight

- 30 g (1 oz)

Warranty

- KT-1 tokens: 5 years
- KT-1 token initializer: 1 year

Miscellaneous

- Configurable automatic shutoff (30, 60, 90 seconds)
- Tokens can be resynchronized with the server locally without reinitialization or administrator support
- LCD contrast adjustment
- LCD pixel test feature



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