TOKEN2 Sàrl
Geneva, Switzerland
www.token2.com

Token2 C202 classic TOTP hardware token with SHA1 hash

Part no: C202 · T2-1

Description

Specifications:

- Built-in Button, 6 Character LCD Screen
- Security Algorithm: TOTP as per RFC6238 with *SHA1 hash*
- OTP Length: 6 digits
- OTP Time interval: 30 seconds
- Dimensions: 49.8 x 26 x 8.25mm
- Water resistance: *IP67*
- Secret hash: random - factory programmed
- Hardware Certification: RoHS Compliant
- Operating Temperature: -10°C .. 50°C
- Tamper Evident / Tamper Protection
- Battery Type: Standard Lithium Battery
- Battery Lifetime: 5-7 Years (depending on usage)

Obtaining the seeds/secrets/CSV files for TOTP tokens

The process of requesting factory-set seeds for Token2 hardware tokens is described here.

Independent Compliance Check

- RFC6238 compliance confirmed by CertX, the first swiss accredited certification body for product certification in the scope of industrial cybersecurity and functional safety.

Compliance Check report by CertX

Time drift and other parameters

This is a classic TOTP token with factory-set seeds. Parameters such as the hash algorithm (SHA-1 or SHA-256), seeds, or internal clock cannot be changed. It can only be used with systems that allow seed import and implement RFC-compliant time drift compensation.

Specifications

GENERAL	
Form factor	Key-fob token
OTP	
OTP protocols	TOTP
TOTP	Yes
Hash algorithm	SHA-1
OTP digits	6
Time step	30s
PHYSICAL	
Water resistance	IP67
Battery life	5-7 Years (depending on usage)
Battery type	Standard Lithium Battery
Operating temperature	-10°C .. 50°C
Hardware certification	RoHS Compliant
DIMENSIONS	
Dimensions	49.8 x 26 x 8.25mm