TOKEN2 Sàrl
Geneva, Switzerland
www.token2.com

Molto-2-v2 Multi-profile TOTP Programmable hardware token

Part no: Molto2v2 · T2-72






Description

A revised version of our popular multi-profile USB-programmable TOTP hardware token that can now hold up to *100 TOTP accounts*. The profiles can be provisioned/configured via USB using one of our Molto-2 USB Config tools. Molto-2-v2 also has additional features such as OTP shown as a QR image and HID/Keyboard emulation feature.

▣ RFC 6238 compliant

▣ supports up to 100 accounts/profiles

▣ USB-programmable with the USB Config tool

▣ USB keyboard emulation (USB cable included)

▣ Two display modes: with one TOTP profile per screen and with five TOTP profiles per screen

▣ RTC battery life: 8 years

▣ LCD screen battery: 3-4 months (rechargeable)

▣ Designed, engineered and programmed in Switzerland

Specifications

Dimensions	74x53x12.9 mm
TOTP Profiles	up to 100
Programmable	via USB, Windows app or cross-platform Python script
Time sync	Yes[1]
Time step	30 or 60 seconds
Hash algorithm	SHA1 or SHA256
Protection	• Configuration password • Screen security lock feature (*v2.1 or newer*)
OTP Length	4, 6, 8 or 10 digits
OTP Entry	Manual, HID-emulation[2] or by scanning QR code[3] (in Mode1 only)

[1] - Time synchronization is performed using one of the USB configuration tools. The expected time drift is between 1 and 30 seconds per year (depending on ambient temperature), and a periodic sync of the system clock may be required (i.e., every 1 or 2 years, depending on the drift tolerance of the authentication system).
[2] - HID functionality will allow sending the current OTP via keyboard emulation when connected over USB. Instead of entering the OTP manually, pressing the 'M' button is sufficient.
[3] - The current OTP will be displayed as a QR image. This is useful when automating OTP entry on a different system (e.g., a mobile app) to avoid typing errors. An example where this is particularly useful is EVV (Electronic Visit Verification).

Migrate from mobile apps

Token2 programmable hardware tokens can be used as drop-in replacement of TOTP mobile apps. Token2 has developed solutions to migrate from apps like Google Authenticator and Authy to any of our hardware tokens (or mobile apps).

Starting September 2025, all Molto2 devices will come with a USB-C port only, in accordance with Directive (EU) 2022/2380.

Device lock feature new

Starting from Molto2 v2.1 there is a possibility of locking the screen using the "Lock" button in the Windows app or using `--lock` argument of the molto2.py script. This will hide the OTPs from device's screen until unlock button is clicked or `molto2.py --unlock` command is issued.



SySS Certified Product



Molto2 has received a 'Certified Product' badge from an independent third-party security assessment conducted by SySS GmbH

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Specifications

GENERAL	
Form factor	Multi-profile token
Interface	USB-C
CONNECTIVITY	
USB-C	Yes
NFC	No
OTP	
OTP protocols	TOTP
TOTP	Yes
Programmable	Yes
Multi-profile	Yes
DIMENSIONS	
Dimensions	74 x 53 x 12.9 mm