

Cryptnox® Click-to-Tap Reader

USB-C Contact Smart Card Reader with Virtual Tap Button

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The Cryptnox Click-to-Tap reader is a USB-C contact smart card reader (ISO 7816) with a virtual tap button: on Windows, a click in the Cryptnox application replaces the physical NFC tap of a Cryptnox FIDO2 card left inserted in the reader. It is USB-IF certified and works as a standard PC/SC contact reader with any compliant smart card.

Key Features

Click to Tap

Leave your Cryptnox FIDO2 card inserted and confirm authentications with an on-screen click on Windows - no physical tap needed. Works exclusively with Windows and Cryptnox FIDO2 cards.

Standard contact reader

A fully standard ISO 7816 PC/SC contact smart card reader for eID, PIV, and other compliant smart cards across Windows, Linux, and macOS.

Standard and compliant

USB 2.0 full speed, USB-IF certified, T0 & T1 protocol and Smart Card industry standard PC/SC 2.0.

Modern connectivity

USB Type C connection for modern desktops and laptops.



Specifications

- Connectivity: USB Type C, USB 2.0 full speed
- Card protocols: ISO 7816 T0 & T1, PC/SC 2.0, USB-IF certified
- Virtual tap button: Windows + Cryptnox FIDO2 cards only
- Compatible operating systems: Windows 10+, Linux, macOS
- Color: Black · Material: Plastic
- Device dimensions: 8.5 x 6.5 x 1.8 cm · weight 59 g
- EAN / model: 7649992538172 · Country of origin: China
- Hardware certifications: FCC / CE / RoHS (depending on model)

Instructions

1. Connect the Reader

- Plug the reader into a USB-C port on your computer.

2. Automatic Setup

- Your operating system will automatically detect and configure the device.

3. Ready to Use

- Insert your smart card; for Click-to-Tap, install the Cryptnox application on Windows and confirm authentications with a click.



Limited Warranty

2-Year Limited Warranty — Cryptnox Limited Warranty (v1.3)

- Warranty period for this product: 2 years. This product class: all Cryptnox products other than the crypto hardware wallet — FIDO2 security key cards, smart card readers, RFID/NFC blocking card, and accessories.
- Cryptnox SA (“Cryptnox”) warrants that its products are free from defects in materials and workmanship under normal use for the applicable period, from the date of original retail purchase from Cryptnox or an authorized reseller (including Amazon), on presentation of a valid proof of purchase (e.g. an order confirmation or invoice showing the product, seller and date). This limited warranty applies worldwide and, in every country, is in addition to and does not affect any mandatory consumer rights you have under the law of your country of residence.

What is covered — remedy

- Defects in materials and workmanship, and failure to operate as described in the official documentation due to a manufacturing defect, under normal intended use.
- If Cryptnox inspects a returned product and confirms a covered defect, it will repair or replace it (or supply an equivalent) free of charge, at Cryptnox's option. This voluntary warranty does not replace or limit your statutory remedies (repair, replacement, price reduction or refund) under mandatory consumer law. If no manufacturing defect is confirmed, Cryptnox may decline the claim.

What is not covered

- Normal wear, cosmetic damage not affecting function, bending, and physical or liquid damage from use outside the product's stated specifications.
- Misuse, accident, abuse, or use outside documented operating conditions.
- Products modified, cut, tampered with, or altered, or with removed/defaced identifiers.
- Lost or stolen products; third-party software, applications, or online services.

Important — keys, funds & data

- This warranty covers the physical product only. Cryptnox is not responsible for any loss of cryptocurrency, digital assets, private keys, PIN/PUK, credentials or recovery information arising from your backup practices, third-party software or services, market movements, or any cause other than a confirmed manufacturing defect of the product.
- You are solely responsible for your own backup — for example, initialising a Cryptnox dual-card set so a backup card holds the same keys. Because the wallet is non-custodial, Cryptnox cannot access, recover or restore your keys, credentials or funds; a replacement product is supplied blank/uninitialised.
- No product is 100% secure: the wallet strengthens key protection but cannot prevent loss caused by physical attack, side-channel exploits, malware, user error or backup failure.

Limitation of liability

- To the maximum extent permitted by applicable law: (a) your remedy under this voluntary warranty is repair or replacement, and your mandatory statutory remedies remain unaffected; (b) Cryptnox shall not be liable for any loss of cryptocurrency, digital assets, keys, credentials, or data, nor for any indirect, incidental, special, consequential, or punitive damages, or loss of profits, however caused; and (c) Cryptnox's total aggregate liability in connection with a product shall not exceed the amount you paid for it.
- Some jurisdictions do not allow certain exclusions, so parts of the above may not apply to you. Nothing in this warranty excludes or limits Cryptnox's liability for death or personal injury caused by Cryptnox's negligence, for fraud or fraudulent misrepresentation, for gross negligence or wilful intent, or for any liability that cannot lawfully be excluded or limited under applicable law.



How to make a claim — your statutory rights

- Contact Cryptnox at <https://cryptnox.com/contact/> with your proof of purchase and a description of the issue; do not return any product before receiving instructions.
- This limited warranty is provided voluntarily, is in addition to and does not affect your mandatory statutory consumer rights, and is governed by the laws of Switzerland (excluding the UN CISG); the courts at Cryptnox SA's registered office in Carouge (Geneva), Switzerland have jurisdiction, without prejudice to your mandatory consumer rights or any right to bring proceedings in your country of residence.

Manufacturer and legal references

- Manufacturer: Cryptnox SA · Avenue Cardinal-Mermillod 36, 1227 Carouge (GE), Switzerland · Commercial register UID: CHE-432.952.622 · contact: <https://cryptnox.com/contact/>
- EU Responsible Person (GPSR, Reg. (EU) 2023/988): Sebastien Armleder, c/o Munkhzaya Urtnasan · 8 rue Aristide Briand, 74100 Annemasse, France · sebastien.armleder@cryptnox.ch
- This warranty summary reproduces the Cryptnox Limited Warranty v1.3; the certificate is available at <https://cryptnox.com/wp-content/uploads/2026/07/Cryptnox-Warranty-Certificate.pdf> and the General Terms and Conditions of Sale at <https://cryptnox.com/legal-notices/> (Swiss law; the application of the UN CISG is expressly excluded).

Your consumer rights by region

- United States: this is a limited warranty. Any implied warranties (including merchantability and fitness for a particular purpose) are limited to the duration of this voluntary warranty. Some states do not allow limitations on how long an implied warranty lasts, or the exclusion or limitation of incidental or consequential damages, so the above may not apply to you. This warranty gives you specific legal rights, and you may have other rights which vary from state to state.
- European Union: this voluntary warranty supplements, and does not replace, your mandatory legal guarantee of conformity (minimum two years) under Directive (EU) 2019/771. EU Responsible Person (GPSR, Reg. (EU) 2023/988): Sebastien Armleder, c/o Munkhzaya Urtnasan, 8 rue Aristide Briand, 74100 Annemasse, France — sebastien.armleder@cryptnox.ch.
- Great Britain: in addition to and without affecting your non-excludable rights under the Consumer Rights Act 2015 (goods must be of satisfactory quality, fit for purpose and as described).
- All other countries: this warranty applies worldwide and is in addition to any mandatory consumer-protection rights under your local law, which prevail over any conflicting term of this warranty.
- Purchase channel: for purchases via Amazon, Amazon's returns/refund policy also applies. For direct distance purchases (e.g. in the EU/GB), a statutory withdrawal/return period (14 days) applies in addition to this warranty.



Warnings and Safety Instructions

Product Usage

- **WARNING:** This smartcard reader is intended for use with compatible smartcards only. Unauthorized use with incompatible cards may damage the reader or compromise its functionality.
- **Intended Environment:** Use this product indoors only, within a clean, dry environment. Avoid using the reader in environments prone to dust, moisture, or excessive heat.

Handling and Care

- **Avoid Physical Damage:** Do not bend, drop, or subject the reader to strong impacts. Physical damage may cause malfunctions.
- **Keep Clean:** Use a soft, dry cloth to clean the reader. Avoid using liquids or abrasive materials that could scratch or damage the surface.
- **Protect Contact Area:** Avoid touching the contact area with fingers or metallic objects. Dirt and oils may interfere with the card's connectivity and performance.

Electrical and Magnetic Safety

- **Power Source Compatibility:** Use only with the specified power source, such as USB ports that meet the reader's power requirements. Avoid connecting to unstable power sources to prevent electrical faults.
- **Avoid Magnetic Fields:** Keep the reader away from strong magnetic fields, as they may interfere with its function and data transmission.
- **Temperature Range:** Use the reader within the recommended temperature range: 0°C to 40°C. Exposure to extreme temperatures can damage internal components.

Security Warnings

- **Unauthorized Access:** Ensure that the reader is used in a secure location to prevent unauthorized access to sensitive data transmitted through the smartcard.
- **Data Security:** This reader processes sensitive information. Only use it with secure, trusted systems and applications to prevent unauthorized access or data breaches.

Regulatory Compliance

- **CE Marking:** This smartcard reader complies with EU health, safety, and environmental protection standards. The CE mark signifies compliance with all relevant EU directives and regulations.
- **RoHS Compliance:** This product is manufactured in accordance with RoHS (Restriction of Hazardous Substances) standards.
- **WEEE Disposal:** Do not dispose of this product with household waste. Dispose of it at an authorized electronic waste collection facility as per WEEE (Waste Electrical and Electronic Equipment) regulations.

