Winkeo-A & Winkeo-C FIDO2 + QSCD

USB-A & USB-C Security keys with middleware

The universal solution for strong authentication and electronic signature!

» **100% Made in Europe**

- For a strong authentication and electronic signatures
- PKI applet with eIDAS QSCD* certification
- Compatible with the standards FIDO2 (CTAP 2.1) and FIDO U2F
- Contact-based smartcard (ISO 7816) JCOP4 certified according to Common Criteria EAL6+
- Complies with European security requirements (eIDAS, QSCD, NIS, PSD2, …)

* QSCD characteristics:
Cryptographic algorithms:

- RSA 2K (bytes)
- RSA 3K (3072 bytes)
- RSA 4K (4096 bytes)
- ECC NIST P-256 / SECG secp256r1 (256 bytes)
- ECC NIST P-384 / SECG secp384r1 (384 bytes)
- ECC NIST P-521 / SECG secp521r1 (521 bytes)

* QSCD options:

- PIN   - PIN length between 5 and 15 byte
         - Number of PIN attempts limited to 3

- PUK   - PUK length between 5 and 15 byte
         - Number of PUK attempts limited to 3

Characteristics of Winkeo-A & Winkeo-C FIDO2 + QSCD :

Winkeo-A	Winkeo-C
Interface USB 2.0 type-A	Interface USB 2.0 type-C
Contact-based smartcard (ISO/IEC 7816) JCOP4, certified according to Common Criteria EAL6+	Contact-based smartcard (ISO/IEC 7816) JCOP4, certified according to Common Criteria EAL6+
Compatible with systems supporting PC/SC and HID protocols	Compatible with systems supporting PC/SC and HID protocols
Compatible with the operating systems Windows, Mac OS and Linux	Compatible with the operating systems Windows, Mac OS, Linux, Android and iOS
User presence at the touch of a button	User presence at the touch of a button
Ko „key wrapping" / No pre-installed common key	No „key wrapping" / No pre-installed common key
Dimensions and weight: Length 43,8 mm Width 18 mm Thickness 9,76 mm Weight 5g	**Dimensions and weight:** Length 39,7 mm Width 17 mm Thickness 8,25 mm Weight 5g