

TOSIBOX® Key

TOSIBOX® Key is an intelligent cryptoprocessing device that enables a secure connection between your computer and one or more TOSIBOX® Locks, giving you full visibility and control over the network devices connected to the Lock.

Connections are established through a secure, encrypted VPN tunnel over the Internet or other common WANs and LANs, and permissions can be easily granted, revoked and configured in an unlimited number of ways. TOSIBOX® Key comes with a durable light metal alloy casing.



Physical properties

- 83 mm x 22 mm x 10 mm / 3.27" x 0.87" x 0.39" (L x W x H)
- Weight 27 g / 0.06 lbs
- Casing aluminium and plastic
- Operating temperature 0 °C ... +70 °C / +32 °F ... +158 °F
- Storage temperature -20 °C ... +80 °C / -4 °F ... +176 °F



TOSIBOX® Mobile Client

TOSIBOX® Mobile Client gives you secure and easy remote access on the go by enabling secure VPN connections to matched TOSIBOX® Lock devices, using the mobile device's Wi-Fi or mobile data connection.

TOSIBOX® Mobile Client is built on the physical security foundation of TOSIBOX® products: the access rights are granted and controlled from the physical TOSIBOX® Key, after which the Mobile Client remains bound to it. The access rights are device-specific and non-transferrable.




TOSIBOX® SoftKey

TOSIBOX® SoftKey is a computer software that enables a secure connection between your computer and one or more TOSIBOX® Locks, giving you full visibility and control over the network devices connected to the Lock.

The SoftKey works without a physical TOSIBOX® Key device. The SoftKey corresponds a Sub Key that is controlled via a physical Master Key, and therefore it cannot be used to create more keys or Mobile Clients. The access rights are granted and controlled from the physical TOSIBOX® Key, after which the SoftKey remains bound to it. The access rights are device-specific and non-transferrable.



TOSIBOX® SoftKey

| Functions | TOSIBOX® Key  | TOSIBOX® Mobile Client  | TOSIBOX® SoftKey  |
|-----------------------------------|--|--|--|
| TOSIBOX® Plug & Go™ Technology | Yes | Yes | Yes |
| Key role | Master Key, Backup Key, Sub Key | Sub Key | Sub Key |
| Cryptographic key size and type | 2048 bit RSA, hardware-based | 2048 bit RSA | 4096 bit RSA |
| Data encryption | TLS, Blowfish-128-CBC, AES-128-CBC, AES-256-CBC | TLS, Blowfish-128-CBC, AES-128-CBC, AES-256-CBC | TLS, Blowfish-128-CBC, AES-128-CBC, AES-256-CBC |
| VPN connection type | Layer 2 / Layer 3 (OpenVPN) | Layer 3 (OpenVPN on Android, IPsec/IKEv2 on iOS) | Layer 2 / Layer 3 (OpenVPN) |
| Mobile Client for Android and iOS | Yes (1 license incl.) | N/A | No |
| Two-factor authentication | Yes | Yes | Yes |
| | Windows: 10, 8/8.1, 7, Vista, XP (SP3), Server 2003, Server 2008 Mac OS X Lion 10.7 or more recent (Intel 64-bit) | Android version 4.0 or greater, or iOS version 8.0 or greater | Windows: 10, 8/8.1, 7, Vista, XP (SP3), Server 2003, Server 2008 Mac OS X Lion 10.7 or more recent (Intel 64-bit) |
| Product code | TBK2 | TBMC1 TBMC5 TBMC10 | TBSKL1 TBSKL5 TBSKL10 |

Advantages of TOSIBOX®



Simple

Build and manage secure IoT infrastructure in minutes



Timeless

Deals with legacy and future systems



Secure

Tested & audited security



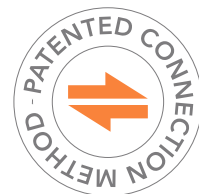
Unique

Globally patented point-to-point connection



Modular

Unlimited expandability and flexibility



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TOSIBOX®

Simplifying IoT