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TOSIBOX® KEY

Benefits

- Intelligent crypto-processing device that enables a secure connection between your computer and one or more TOSIBOX® Locks,Central Lock and/or Virtual Central Lock

Product features

- 2048 bit RSA key in the cryptographic module
- 4 GB or larger flash memory storage for TOSIBOX® Key software and settings
- USB 2.0 interface, type A, with standard CSP/PKCS#11

Product Make-up

- Durable light metal alloy casing
- Including one Mobile Client for Android or iOS
- 83 mm x 22 mm x 10 mm / 3.27″ x 0.87 x 0.39″ (L x W x H)

Technical data

Operating temperature 0 °C to +70 °C
Storage temperature -20 °C to +80 °C

Article number	Article description
3806220	TOSIBOX KEY

- If not otherwise specified, all values relating to the product are nominal values. Other value information, such as tolerances, for example, can be obtained on request where available and released for publishing.
- Photographs are not to scale and do not represent detailed images of the respective products.

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TOSIBOX® 150

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Benefits

- SIMPLE - Build and manage secure IoT infrastructure in minutes
- SECURE - Tested & audited security
- MODULAR - Unlimited expandability and flexibility
- COMPATIBLE - Integrate seamlessly with legacy and future systems
- UNIQUE - Globally patented point-to-point connection

Application range

- Remote access and networking device for secure access of HMIs, PLCs, PCs and other devices or systems over the Internet.
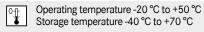
Product features

- Patented TOSIBOX® Plug & Go™ connection method takes you out of the box and into use in less than 5 minutes, without the need for software installations, network configurations or special IT skills

- NAT and firewall friendly
- VPN throughput up to 10 MB/s, end-to-end encryption between TOSIBOX® devices
- Up to 10 concurrent VPN connections
- Reliability with TosiOnline™ - automatic re-connection of dropped connections

Product Make-up

- Cast aluminium casing
- 132 mm x 99 mm x 35.5 mm / 5.2" x 3.9" x 1.4" (L x W x H)
- Weight 593 g / 1.31 lbs (net weight article)
- Accessories in package include: RJ-45 Cat6 Ethernet cable, USB extension cable, 2 x WLAN antennas, 2 dBi, AC Adapter: Input 100 240V AC, DC input plug, DIN rail mounting bracket

Technical data

Operating temperature -20 °C to +50 °C
Storage temperature -40 °C to +70 °C

Article number	Article description
3806221	TOSIBOX LOCK 150
8100543	TOSIBOX LOCK 150 WITHOUT POWER SUPPLY

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NEW

TOSIBOX®LOCK 500
The next generation Plug & GO™ connectivity device

Benefits
- SIMPLE - Build and manage secure IoT infrastructure in minutes
- SECURE - Tested & audited security
- MODULAR - Unlimited expandability and flexibility
- COMPATIBLE - Integrate seamlessly with legacy and future systems
- UNIQUE - Globally patented point-to-point connection

Application range
- Remote access and networking device for secure access of HMIs, PLCs, PCs and other devices or systems over the Internet.

Product features
- Massive VPN throughput for data consuming applications, end-to-end encryption between TOSIBOX® devices
- NAT and firewall friendly

- Integrated WiFi as connectivity method or access point for wireless devices on site.
- Built-in LTE modem (optional), with two modem variants covering most of the globe no external modem needed
- Up to 50 concurrent VPN connections

Product Make-up
- 110 mm x 58 mm x 127 mm / 4.33" x 2.28" x 5.0" (L x W x H)
- TBL5*: Weight 495 g / 1.09 lbs (net weight article)
- TBL5i*: Weight 505 g / 1.11 lbs (net weight article)
- Accessories in package include: RJ-45 Cat5e Ethernet cable, 2 x WiFi antennas, 2 dBi, I/O connector plug, Power connector plug. Additional accessories for TBL5*PS version: AC adapter - Input 100   240 V AC, frequency 47   63 Hz,Output 12.0 V, 1.6 A, max 19.2 W. EU, UK, AU and US power socket and DC feed cable

Technical data
IP IP20

Operating temperature -20°C to +60°C
Storage temperature -40°C to +70°C

Article number	Article description
3806227	TOSIBOX LOCK 500 WITHOUT POWER SUPPLY
3806230	TOSIBOX LOCK 500i APAC VER WITHOUT POWER SUPPLY

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NEW

TOSIBOX® CENTRAL LOCK

Benefits
- SIMPLE - Build and manage secure IoT infrastructure in minutes
- SECURE - Tested & audited security
- MODULAR - Unlimited expandability and flexibility
- COMPATIBLE - Integrate seamlessly with legacy and future systems
- UNIQUE - Globally patented point-to-point connection

Application range
- Remote access and networking device for secure access of HMIs, PLCs, PCs and other devices or systems over the Internet.

Product features
- Over 700 Mbit/s encryption throughput

- 1000 concurrent remote connections per LAN network
- Encryption and authentication PKI, 3072 bit RSA
- Data encryption TLS, AES-256-CBC / Blowfish-128-CBC
- Mirrored hard disks (RAID 1)

Product Make-up
- One 1 Gbit/s WAN port and Four 1 Gbit/s LAN ports
- 570 mm x 430 mm x 43 mm / 22.44" x 16.93" x 1.69" (L x W x H)
- Accessories include Ethernet cable 1m x 2, power cord (EU power plug) and extension power cord
- Net weight, article + accessories: 12.0 kg / 26.46 lbs

Technical data
Operating temperature 10°C to 30 °C / 50 °F to 86 °F

Article number	Article description
3806231	TOSIBOX CENTRAL LOCK

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TOSIBOX®ACCESSORIES
Various accessories available to support the main Tosibox lock units

Article number	Article description
3806232	TOSIBOX CONFIGURATION SW FILE
3806233	TOSIBOX 4G MODEM EU VER
3806234	4G USB MODEM W 2 ANTENNA CONN
3806235	ADAPTOR CABLE FROM MODEM TO ANTENNA
3806236	ANTENNA EXTERNAL W 8M CABLE
3806237	ANTENNA EXTERNAL MAGNET MOUNT W 3M CABLE
3806238	ANTENNA EXTENSION CABLE 5M
3806239	ANTENNA EXTENSION CABLE 10M
3806240	1-PORT RS232 SERIAL DEVICE SERVER
3806241	ACCESSORY PACK FOR LOCK 500

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TOSIBOX® LOCK 210
Industrial router with built-in firewall for LAN Networks

Benefits

- SIMPLE - Build and manage secure IoT infrastructure in minutes
- SECURE - Tested & audited security
- MODULAR - Unlimited expandability and flexibility
- COMPATIBLE - Integrate seamlessly with legacy and future systems
- UNIQUE - Globally patented point-to-point connection

Application range

- Device serves as endpoints for secure remote connections in operational (OT) networks

Product features

- 30 Mbps VPN throughout and end-to-end encryption from Key to Lock, Lock to Lock or Lock to (Virtual) Central Lock
- Up to 20 concurrent VPN connections
- TosiOnline™ feature for automatically reconnecting dropped connections

Product Make-up

- Industrial design: robust and fanless enclosure, integrated DIN rail bracket and industrial screw-on DC power connector
- 1 x RJ-45 WAN & 3 x RJ-45 LAN connections, 10/100 Mb/s, auto-negotiation (MDI/MDI-X) 110 mm x 58 mm x 127 mm / 4.33" x 2.28" x 5.0" (L x W x H)
- Weight 495 g / 1.09 lbs
- Accessories include: RJ-45 Cat5e Ethernet cable, I/O connector and power connector plug

Technical data

IP	IP20
🌡	Operating temperature -20°C to +60°C Storage temperature -40°C to +70°C

Article number	Article description
8100590	TOSIBOX LOCK 210 WITHOUT POWER SUPPLY
8100594	START KIT WITH KEY SOFTKEY MOBILE CLIENT & LOCK 210

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TOSIBOX® LOCK 250
Robust industrial router with built-in firewall and integrated WIFI

Benefits
- SIMPLE - Build and manage secure IoT infrastructure in minutes
- SECURE - Tested & audited security
- MODULAR - Unlimited expandability and flexibility
- COMPATIBLE - Integrate seamlessly with legacy and future systems
- UNIQUE - Globally patented point-to-point connection

Application range
- Device serves as endpoints for secure remote connections in operational (OT) networks

Product features
- 30 Mbps VPN throughout and end-to-end encryption from Key to Lock, Lock to Lock or Lock to (Virtual) Central Lock
- Up to 20 concurrent VPN connections
- Integrated WiFi serves as connectivity method or access point for wireless devices on sites
- TosiOnline™ feature for automatically reconnecting dropped connections

Product Make-up
- Industrial design: robust and fanless enclosure, integrated DIN rail bracket and industrial screw-on DC power connector
- 1 x RJ-45 WAN & 3 x RJ-45 LAN connections, 10/100 Mb/s, auto-negotiation (MDI/MDI-X) 110 mm x 58 mm x 127 mm / 4.33" x 2.28" x 5.0" (L x W x H)
- Weight 495 g / 1.09 lbs
- Accessories include: RJ-45 Cat5e Ethernet cable, I/O connector and power connector plug and 2 x WiFi antennas - 2 dBi

Technical data
IP20

Operating temperature -20°C to +60°C
Storage temperature -40°C to +70°C

Article number	Article description
8100592	TOSIBOX LOCK 250 WITHOUT POWER SUPPLY

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TOSIBOX® SoftKey
The virtual key for your TOSIBOX® ecosystem

ⓘ Info

- The SoftKey is computer- and user-specific. It cannot be copied over or moved to another device
- The access rights are granted and controlled from the physical TOSIBOX®Key, after which the SoftKey remains bound to it
- To activate SoftKey on a PC or Mac, you will need SoftKey license for the Master Key

TOSIBOX® SoftKey

Benefits

- TOSIBOX® SoftKey is a computer software that enables a secure connection between the computer and one or more TOSIBOX® Locks, giving the user full visibility and control over the network devices connected to the Lock
- TOSIBOX® SoftKey can be installed into cloud services and virtual environments
- TOSIBOX® SoftKey can be created and access right can be granted immediately even from other side of the world
- Two-factor authentication is fulfilled also with SoftKey: device-specific (something in your possession) and password-protected (something only you know)

Application range

- TOSIBOX® SoftKey can be used in computers that do not have an USB port or where the use of USB devices is tricky

Product features

- Cryptographic key size and type : 4096 bit RSA
- Data encryption: TLS, Blowfish-128-CBC, AES-128-CBC, AES-256-CBC
- Comes with two-factor authentication
- VPN connection type: Layer 2 / Layer 3 (OpenVPN)

Article number	Article description
8100540	TOSIBOX SOFTKEY TBSKL1
8100541	TOSIBOX SOFTKEY TBSKL5
8100542	TOSIBOX SOFTKEY TBSKL10

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