



TOSIBOX® Lock 100

TOSIBOX® Lock is an intelligent remote access and networking device that serves as an endpoint for secure remote connections. Devices connected to the Lock are securely accessed over the Internet and most LAN and WAN networks through an encrypted VPN connection.

NAT and firewall friendly, the Lock's patented 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 skills.



CE FC

Advantages of TOSIBOX®

-  **Simple**
Build and manage secure IoT infrastructure in minutes
-  **Secure**
Tested & audited security
-  **Modular**
Unlimited expandability and flexibility
-  **Timeless**
Deals with legacy and future systems
-  **Unique**
Globally patented point-to-point connection

Lock 100 Technical Data

Product codes:

TBL1EU, TBL1UK, TBL1AU, TBL1US

Ports

- 1 x USB 2.0, type A
- 1 x RJ-45 WAN connection, 10/100 Mb/s, auto-negotiation (MDI / MDI-X)
- 3 x RJ-45 LAN connection, 10/100 Mb/s, auto-negotiation (MDI / MDI-X)
- 1 x RJ-45 Service connection, 10/100 Mb/s, auto-negotiation (MDI / MDI-X)

Connections

- 8-30V DC absolute limit (reverse polarity protected)
- 2 x Wireless network antenna connector, RP-SMA
- DIN rail attachment (bottom), angle bracket available as an accessory (TBMBD1)

WAN connection features

- Independent of operating systems
- Works in all Internet connections (operator independent)
- Supports HTTP proxy servers with and without authentication
- Firewall friendly
- Works with dynamic, static and private IP addresses
- Built-in firewall, NAT
- Up to 10 concurrent VPN connections
- VPN throughput 6 Mb/s (Blowfish-CBC 128 bit)

Mobile connection features

- Supported 2G/3G/4G USB modems: TOSIBOX® 3G modem, TOSIBOX® 4G modem.
- See list for supported 3rd party modems at our webpage.
- TosiOnline™ Automatic network recovery that recovers from most mobile operator and modem problems

WLAN

- IEEE 802.11 n/g/b, max. 150 Mbps
- WEP, WPA-PSK, WPA2-PSK, WPA-PSK/WPA2-PSK Mixed, WPA-EAP, WPA2-EAP TKIP/AES encryption
- Frequency 2.412 – 2.462 GHz, 11 channels
- Output power 20 dBm max

Included accessories

- RJ-45 Cat6 Ethernet cable, USB extension cable
- 2 x WLAN antennas, 2 dBi
- AC Adapter: Input 100 – 240V AC, frequency 47 – 63 Hz, Output 12.0 V, 0.6 A, max 7.2 W. EU, UK, AU or US Power Socket
- DC input plug

Physical properties

- 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)
- Cast aluminium casing
- Operating temperature -25 °C ... +70 °C / -13 °F ... 158 °F
- Storage temperature -40 °C ... +70 °C / -40 °F ... 158 °F
- Protection class IP20

Tosibox Oy

sales@tosibox.com

support@tosibox.com

Sales within Finland, tel. 044 70 90 100

Sales, international, tel. +358 44 70 90 200

www.tosibox.com



TOSIBOX®
Simplifying IoT