



TOSIBOX® Lock 200

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.

Main features

Usability

- Improved VPN throughput (up to 15 Mb/s)
- New streamlined web user interface
- PoE functionality

Industrial design

- Especially designed for industrial environments
- Robust housing offers better installation possibilities e.g. on DIN rails.

Fully compatible with all existing TOSIBOX® products

- Users can mix them freely with their existing system.



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 200 Technical Data

Product codes:

TBL2EU, TBL2UK, TBL2US

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

- DC input power jack 5.5/2.1mm, 8 – 27 V DC \pm 10%, reverse polarity protected
- PoE input 8 – 27 V DC (WAN port), PoE output (LAN3 port, limited, 27 V / 580 mA max)
- The product must be powered by limited energy according to chapter 9.4 of IEC / UL 61010-1 3rd edition
- DIN rail mounting bracket M3 threads on three sides
- Maximum power consumption is 7W

WAN connection features

- Independent of operating systems
- Works in all Internet connections (operator independent) under following two conditions:
 - a) No forced proxy service in the Internet connection, and
 - b) No passwords needed in accessing the Internet
- Firewall friendly
- Works with dynamic, static and private IP addresses
- Built-in firewall, NAT
- Up to 50 concurrent VPN connections
- VPN throughput up to 15 Mb/s

Mobile connection features

- Supported 3G/4G USB modems: see help.tosibox.com
- TosiOnline™ Automatic network recovery that recovers from most mobile operator and modem problems

Included accessories

- USB extension cable
- Ethernet cable
- AC adapter: Input 100 – 240 V AC, 50/60 Hz, Output 24.0 V DC, 0.8 A
- DIN rail mounting bracket
- Cable saddle
- DC input plug

Physical properties

- 140 mm x 36 mm x 125 mm / 5.51" x 1.42" x 4.92" (L x W x H)
- Weight 530 g / 1.17 lbs
- Operating temperature -20 °C ... +50 °C / -4 °F ... +122 °F
- Storage temperature -40 °C ... +70 °C / -40 °F ... +158 °F
- Operating humidity: 20 – 80% RH, non condensing
- Maximum operating altitude 3000 m / 10 000 ft
- Overvoltage category I
- Cast aluminium casing
- IP protection class IP20

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TOSIBOX®
Simplifying IoT