

# WibuBox/ST



Article-No:  
3005-01-120

## Description

The WibuBox/ST is the WibuKey protection hardware for connection to the asynchronous serial RS232 interfaces of any system (PC, UNIX workstations) under Windows, Linux or other UNIX systems, industrial systems and controllers with RS232 interface. Encryption works with WibuKey algorithm 1 or 2 depending on up to 10 nonvolatile stored Standard Entries or Master Entries. The first 5 entries may have an additional entry – data, expiration date or limit counter – which then occupies one entry.

Thumb screws provide for an easy connection without tools.

## Technical Specifications

- **Interface:** Asynchronous serial RS232 interfaces of any system (PC, UNIX workstations) under Windows, Linux or other UNIX systems; 25-pin-D-SUB connector male.
- **Data transfer:** Asynchronous transmitting and receiving of ASCII characters with automatic baud rate detection (9600-38400 baud).
- **Power supply:** 5 V to max. 20 V. From the serial interface, signals TXD (2), RTS (4) and DTR (20). Operation with 3 line interface (RXD, TXD, GND) possible.
- **Power Consumption in sleep mode:** < 600  $\mu$ A
- **Power Consumption active:** < 2,0 mA at 5 V
- **Temperature:** 0...55 degree C, non-condensing
- **Case/Dimensions:** 56 mm x 41 mm x 16 mm
- **Weight:** 39 g

## Ordering Information

P/N 3005-01-120

WibuBox/ST with solid turquoise case.

Other case variants on request.

## Certificates

The WibuBox/ST is tested and qualified with the following standards:

### ■ CE-Conformity | European Certificates

Radiated emissions according to EN 55022/1999 (DIN VDE 0877 Part2:1985), FCC 47CFR15 Subpart B. Frequency range: 150kHz ... 1 GHz.

Immunity according to EN 55024:1998 against: Radiated radio frequency (RF) and electromagnetic field according to IEC 61000-4-3 + A1.

Electrostatic discharge (ESD) according to IEC 6100-4-2.

Contact discharge 4 kV load voltage, air discharge 8 kV load voltage.

Conducted electromagnetic RF unsymmetrical according to IEC 61000-4-6.

Fast transient puls (burst) coupling clamp according to IEC 61000-4-4; 0,5 kV peak, 5 kHz, 5/50 ns tr/th.

### ■ International Certificates

FCC Part 15, Subpart B

VCCI 2001-08 (Japan)

### ■ Other Certificates

VDE License No. 129382

UL C-UL-US listed I.T.E. Accessory 10WB, E-File 211202.

The encryption device is only for use with UL listed PCs (low power system).

Meets UL 60950-1 and CSA C22.2 No. 60950-1. Safety of Information Technology Equipment.

All WibuBoxes marked as RoHS are fully compliant according to EC Directives 2002/95/EC (RoHS) and 2002/96/EC (WEEE).



RoHS compliant  
WEEE-Reg-No:  
DE 90465365

All dimensions in millimeter.  
Subject to change without  
notice.



**WIBU-SYSTEMS AG**  
Rueppurrer Strasse 52-54  
D-76137 Karlsruhe  
Tel: +49-721-93172-0  
Fax: +49-721-93172-22  
info@wibu.com  
www.wibu.com

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**SYSTEMS**

