

# WibuBox/U+

## Description

The WibuBox/U(+) is the WibuKey protection hardware for connection to the USB interface of PCs, Apple Macintosh and others. Encryption works with WibuKey algorithm 1, 2 or 4 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. The WibuBox/U+ has an additional 16 kbyte memory.

The communication is according to USB specifications. All data communication is realized by endpoint 0 control transfers with full speed (12 MBit). The USB interface guarantees trouble free communication even if many different devices are connected and easy implementation to any system. WibuKey driver software supports Windows 98/ME/2000/XP/Server2003, MacOS 8 and higher and all Linux distributions supporting USB. The WibuBox/U+ needs WibuKey Runtime 4.10 or higher.

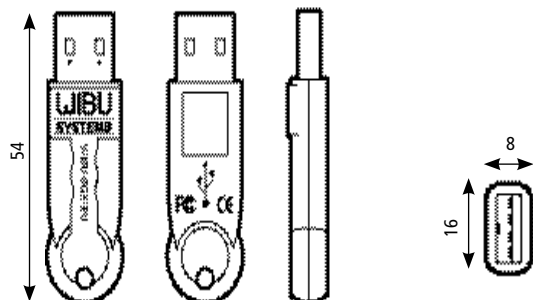
## Technical Specifications

- **Interface:** USB 1.1, USB V2.0 compliant and certified
- **Power supply:** 5 V max.
- **Power Consumption:** ASIC 3505: 40 mA max. (typical 10 mA / 300  $\mu$ A configured / unconfigured), ASIC 3520: 40 mA max. (typical 6 mA / 300  $\mu$ A configured / suspended)
- **Temperature:** 0...55 degree C, non-condensing
- **Case/Dimensions:** 54 mm x 16 mm x 8 mm
- **Weight:** 6 g

## Ordering Information

P/N 3031-06-510:

WibuBox/U+ with solid turquoise blue case.  
Other case variants on request.



## Certificates

The WibuBox/U(+) 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 / TÜV / GS

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.

Listed on USB Integrators List.

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.



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