

# WibuBox/P

Article-No:  
3001-xx-xxx



RoHS compliant  
WEEE-Reg-No:  
DE 90465365

All dimensions in millimeter.  
Subject to change without  
notice.



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# WIBU SYSTEMS



## Description

The WibuBox/P(+) is the WibuKey protection hardware for connection to the parallel printer port of IBM-PCs or compatible systems. 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/P+ has an additional 16 kbyte memory.

The WibuBox/P(+) supports enhanced parallel ports (EPP) according to IEEE 1284 and can be cascaded. Thumb screws provide for an easy connection without tools.

## Technical Specifications

- **Interface:** Parallel port at IBM-PC or compatible system, 25-pin-D-SUB connector.
- **Power supply:** 3,0 to 5 V, 6 V max. (of printer port; signals: strobe (1), D3 (5) and D7 (9))
- **Power Consumption in sleep mode:** < 300  $\mu$ A
- **Power Consumption active:** < 1,7 mA (< 2,3 mA for programming)
- **Temperature:** 0...55 degree C, non-condensing
- **Case/Dimensions:** 56 mm x 41 mm x 16 mm
- **Weight:** 39 g

## Ordering Information

P/N 3001-06-10:

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

## Certificates

The WibuBox/P+ 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).

