

# WibuBox/M+

Article-No:  
3020-07-710

## Description

The WibuBox/M+ is the WibuKey protection hardware for CardBus (32 Bit, PCMCIA) 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/M+ has an additional 16 kbyte memory.

The WibuBox/M+ contains a CardBus to USB controller and connects WibuKey via USB internally. All data communication is realized by endpoint 0 control transfers with full speed (12 MBit). WibuKey driver software supports Windows 98/ME/2000/XP/Server2003, MacOS 8 and higher and all Linux distributions supporting USB. The WibuBox/M+ needs WibuKey Runtime 4.10 or higher.

## Technical Specifications

- **Interface:** CardBus slot, Type II
- **Data retention:** >10 years @ 100k program/erase cycles
- **Power supply:** 3,3 V, < 350 mA
- **Temperature:** 0...55 degree C, non-condensing
- **Case/Dimensions:** 86 mm x 54 mm x 5 mm
- **Weight:** 30 g

## Ordering Information

P/N 3020-07-710: WibuBox/M+ bulk

## Certificates

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

### ■ CE-Conformity | European Certificates

Radiated Emissions According to EN 55022/2003 (DIN VDE 0878 Part22, EN 55022:1998 + A1:2000 + A2:2003.

Immunity According to EN55024 (VDE 0878 part 24): 2003-10; EN 55024:1998 + A1:2001 + A2:2003 against:

Radiated Radio Frequency (RF) and electromagnetic field  
Electrostatic Discharge (ESD), air discharge

Conducted Electromagnetic RF

Fast Transient Bursts

DIN EN 61000-3-2 (VDE 0838 part 2):2001-12;  
EN 61000-3-2:2000

DIN EN 61000-3-3 (VDE 0838 part 3):2002-05;  
EN 61000-3-3:1995 + Corr.: 1997 + A1:2001

### ■ International Certificates

FCC Part 15, Subpart B

VCCI 2003-04 (Japan)

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

### ■ 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.



RoHS compliant  
WEEE-Reg-No:  
DE 90465365

All dimensions in millimeter.  
Subject to change without  
notice.



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