User Manual
Access Point AP500

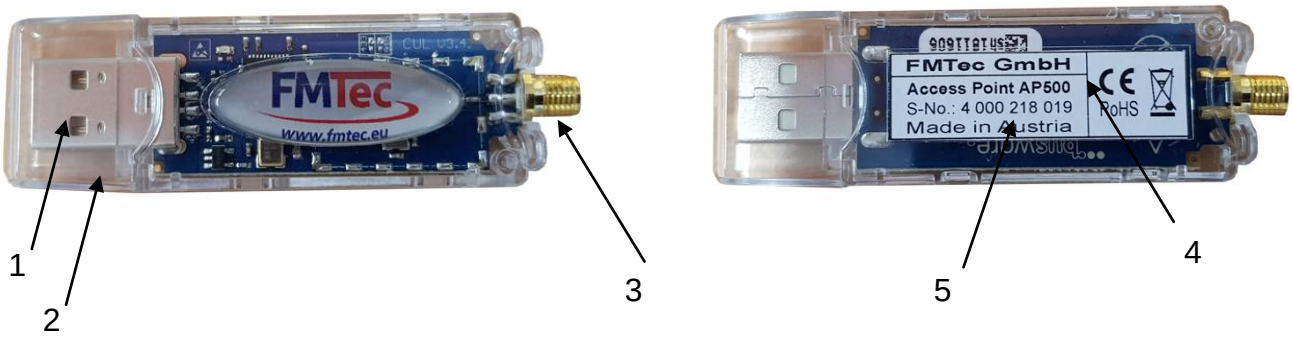
VERSION 1.2

FMTec GmbH

6700 Bludenz / Austria

www.fmtec.eu

Functional Units of the Access Point AP500



Legend

1. USB 2.0 Interface
2. USB interface protection cap
3. Antenna connector
4. Name plate
5. Serial number

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Technical Data

- USB-Interface 2.0
- Antenna Interface RP-SMA connector
- Radio-Signal 868.0 to 923.5 MHz; 0.0006 W
- Data security AES128 encryption worldwide standard
- Temperature: 0°C up to + 60°C (in operation)
  -40°C up to + 60°C (in storage)
- Humidity: 5% up to 95% (non condensing)
- Dimensions: 76 x 23 x 11mm (W x H x D without antenna)
- Weight: 100g

Disposal instructions

The batteries, the electronic lock and the containers must be disposed according to the local regulations!

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Functions

The Access Point AP500 can be only used in combination of SECOLO Locks and SECOLO Management Software from FMTec GmbH!

Antenna:

Use with the AP500 a ¼ wave antenna fitting with the frequency range which is approved in your country!

- For 915MHz to 923.5MHz use an antenna as ANT-916-CW-RCS with RP-SMA connector
- For 868.0 MHz to 869.9MHz use an antenna as ANT-868-CW-RCS with RP-SMA connector

USB-Interface:

The USB-Interface which is supporting the AP500 must be a USB-Master and supply 5VDC, min. 300mA

Warning!

FCC:
Changes or modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment.

FCC Interference Statement (Part 15.105 (b))

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. Howev¬er, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and
(2) this device must accept any interference received, including interference that may cause undesired operation.

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IC:
This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions:

(1) This device may not interference, and
(2) this device must accept any interference, including interference that may cause undesired operation of the device."

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :

(1) l'appareil ne doit pas produire de brouillage, et
(2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement."

NCC:
Without permission, any company, firm or user shall not alter the frequency, increase the power, or change the characteristics and functions of the original design of the certified lower power frequency electric machinery.

The application of low power frequency electric machineries shall not affect the navigation safety nor interfere a legal communication, if an interference is found, the service will be suspended until improvement is made and the interference no longer exists.

經型式認證合格之低功率射頻電機，非經許可，公司、商號或使用者均不得擅自變更頻率、加大功率或變更原設計之特性及功能。

低功率射頻電機之使用不得影響飛航安全及干擾合法通信；經發現有干擾現象時，應立即停用，並改善至無干擾時方得繼續使用。 前項合法通信，指依電信法規定作業之無線電通信。
低功率射頻電機須忍受合法通信或工業、科學及醫療用電波輻射性電機設備之干擾。

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