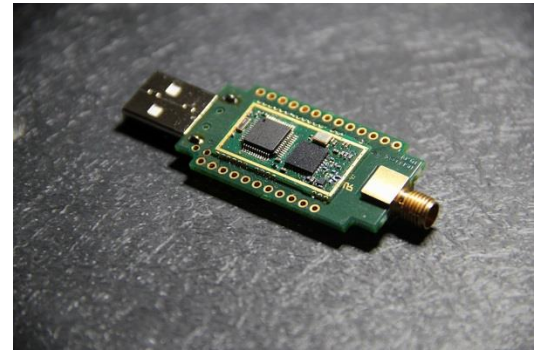


MK002-xx-EU USB key



The **MK002-xx-EU** is the evaluation kit of the **MM002-xx-EU** module. Plugged onto a PC solution, this USB key allows to manage bi-directional communications through :

- LoRa™/FSK RF layers between USB key and any solution embedding MM002-xx-EU module.
- LoRa™ WAN 1.0 EU Class A & C bidirectional protocol with Public or Private networks.
- SIGFOX™ bidirectional protocol.



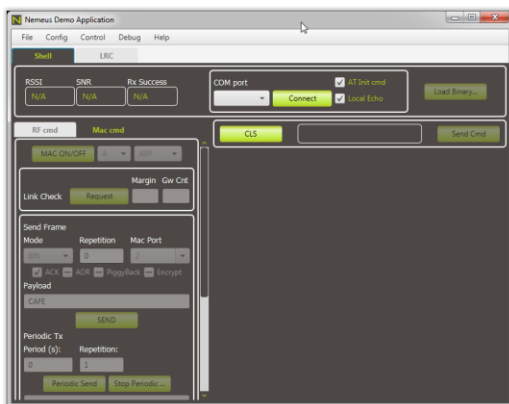
Key product features

- ✓ Modulation : LoRa™ / SIGFOX™ / FSK
- ✓ Controlled by AT commands through USB I/F
- ✓ Maximum output power +14 dBm (+20dBm as option)
- ✓ Good buildings penetration
- ✓ Long Range protocol stack software (SIGFOX™ / LoRa WAN 1.0 EU Class A & C)
- ✓ RoHS conform / Pre-Certified EN 300-220

PC software

This solution is compliant with Linux and Windows OS and any kind of Hyper terminal. No specific driver software is needed to control it.

A JAVA application can be provided on request by **Nemeus** company for first performance/functional tests.



Versions

<u>MK002-L-EU</u>	A LoRa™ WAN 1.0 EU Class A & C bidirectional protocol stack version
<u>MK002-S-EU</u>	A SIGFOX™ bidirectional protocol stack version
<u>MK002-LS-EU</u>	A Full bimode bidirectional LoRa™/SIGFOX™ protocol stack version

All LoRa™ versions give possibility to skip LoRa WAN protocol stack and access directly LoRa™ and FSK physical layers.

Interoperability

MK002-xx-EU USB key interoperability has been confirmed with :

- **SIGFOX™ Network**
- **Bouygues Telecom LoRa Network**
- **Orange LoRa Network**
- **Activity Network server solutions**
- **Orbiwise Network server solutions**

