



## MCF-LW06KIO

### Serial to LoRaWAN® interface with Input/Output capability

This interface can be connected via RS232 serial port to send and receive data through the LoRaWAN® platform. The device has a serial proprietary mcf88 protocol (available on request).

The interface has five opto isolated inputs (4 working with low voltage, one working at 230VAC) and 2 relay outputs.



### Characteristics:

- CPU Cortex M4
- RTC
- EEPROM 32KB
- Flash 1MB
- Encryption AES 128 bit
- LiPo rechargeable battery
- Class C LoRaWAN® stack @868MHz
- Serial interfaces: RS232
- USB On The Go
- IoT node setup and firmware upgrade via USB interface
- 4 opto-isolated inputs working range 5-24Vac/dc
- 1 opto-isolated input working at 230Vac
- 2 relay output with COM, NO, NC contacts carrying 5Amp@230Vac
- External power supply 10-36Vdc
- Storage temperature range -20 + 80 °C
- Working temperature range -10 + 70 °C
- Dimensions L x H x P: 81 x 60 x 24mm

### Applications:

- Remote industrial interface
- Remote process supervisor
- Datalogger