



MCF-LW06232

Serial to LoRaWAN® interface

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



Characteristics:

- CPU Cortex M4
- RTC
- EEPROM 32KB
- Flash 1MB
- Encryption AES 128 bit
- LiPo rechargeable battery
- Class C LoRaWAN® stack EU868, AS923, AU915, US915 EU868, AS923
- Serial interfaces: RS232
- USB On The Go
- IoT node setup and firmware upgrade via USB interface
- Energy harvesting enabled from RS232 data channels
- Optional 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