



## MCF-LW06VMC

### LoRaWAN® Vending Machine Supervisor

This device can remotely acquire the accounting data, as EVA-DTS file, from any vending machine.

It can be connected by DDCMP or DEX interface, as well as printer port for other devices.

This device can send alarms or triggered events to the cloud platform and manage price changes.



### Characteristics:

- CPU Cortex M4
- RTC
- EEPROM 32KB
- Flash 1MB
- Encryption AES 128 bit
- LiPo rechargeable battery
- Class A LoRaWAN® stack EU868, AS923, AU915, US915 EU868, AS923
- Serial interfaces: RS232, TTL
- Printer emulation
- 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

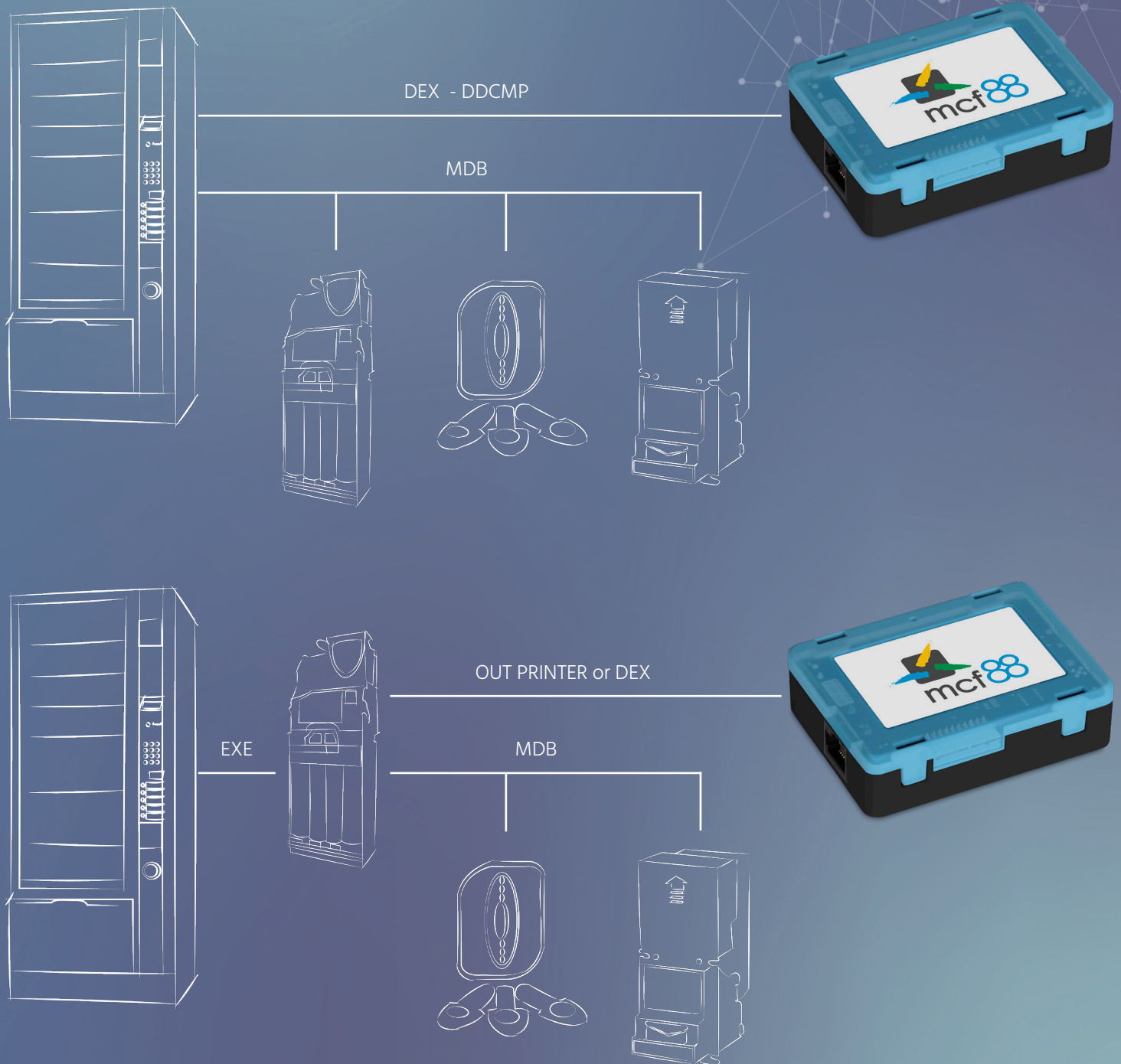
### Applications:

- Remote monitoring vending machines equipped with serial port
- Cost effective alternative to GPRS modems
- Remote prices change
- Mains blackout detection
- Temperature monitor via PTC
- Antitampering
- Other alarms available

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Examples of MCF-LW06VMC setup for Vending application

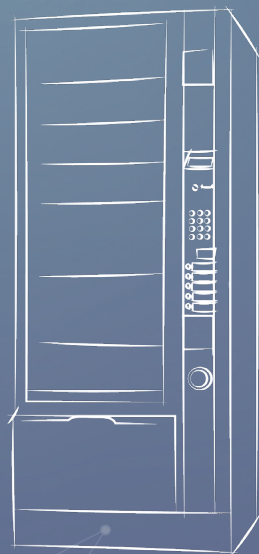




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Infrastructure mcf88-LoRaWAN



EVA DTS/PRINTER



On Air



Mcf88 Client Application



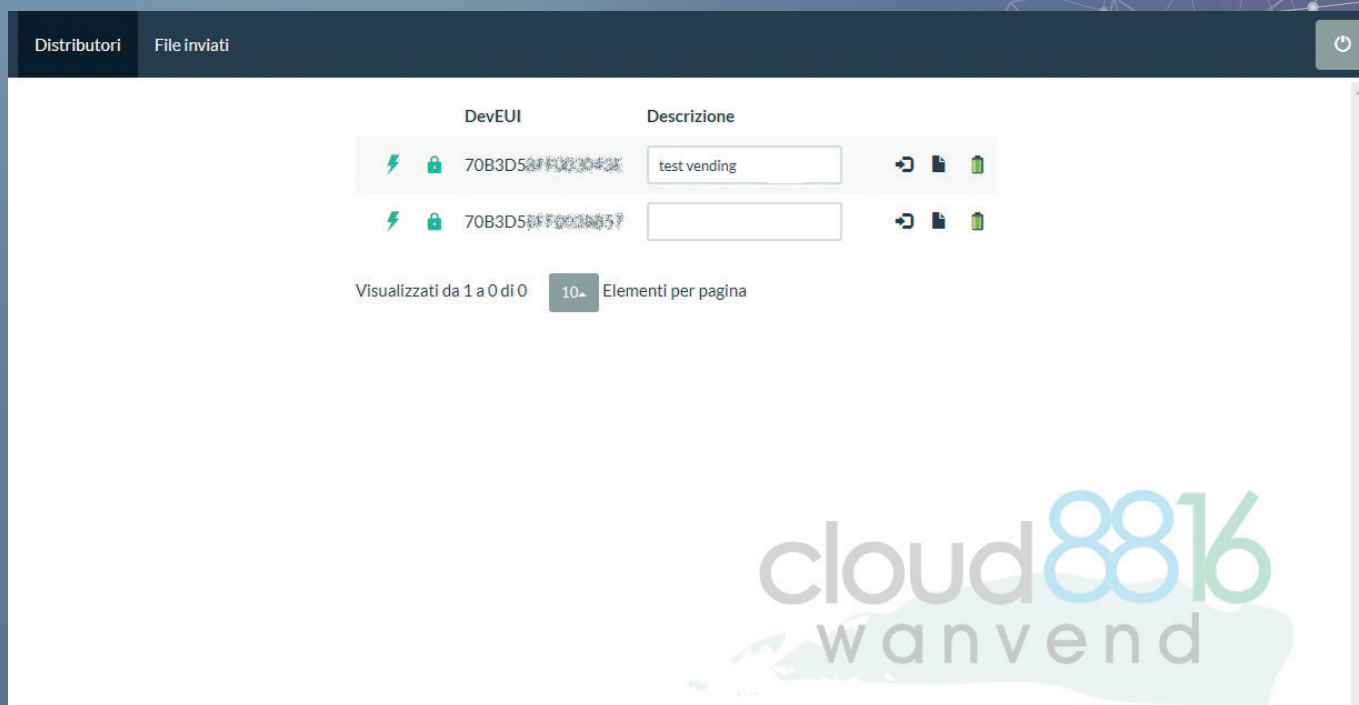
CLOUD8816 Management



Base Station LoRa

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The screenshot shows a web interface with a dark header containing 'Distributori' and 'File inviati'. Below the header is a table with two columns: 'DevEUI' and 'Descrizione'. The table contains two rows of data, each with a lightning bolt icon, a lock icon, a DevEUI value, a description input field, and three action icons (refresh, document, trash). Below the table is a pagination control showing 'Visualizzati da 1 a 0 di 0' and '10 Elementi per pagina'. In the bottom right corner of the interface, the 'cloud8816 wanvend' logo is visible.

A specific cable allows to connect to several vending machine on the market. Please refer to following table.

### Ordering code

MCF-W49B  
MCF-W49C  
MCF-W49D  
MCF-W49E  
MCF-W49G  
MCF-W49H  
MCF-W49L

### Description

LoRaWAN® CABLE FOR CASHFLOW  
LoRaWAN® CABLE FOR COGES ECS  
LoRaWAN® CABLE FOR COGES ENGINE  
LoRaWAN® CABLE FOR CURRENZA C2  
LoRaWAN® CABLE FOR MANEA VMC  
LoRaWAN® CABLE EVADTS JACK  
LoRaWAN® CABLE FOR FAS VMC