![mcf88 logo]

# 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.

**LoRa Alliance** Certified™

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## Characteristics:

- CPU Cortex M4
- RTC
- EEProm 32KB
- Flash 1MB
- Encryption AES 128 bit
- LiPo rechargeable battery
- Class A LoRaWAN™ stack EU868, AS923
- Serial interfaces: RS232, TTL
- Printer emulation
- USB On The Go
- IoT node setup ad 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
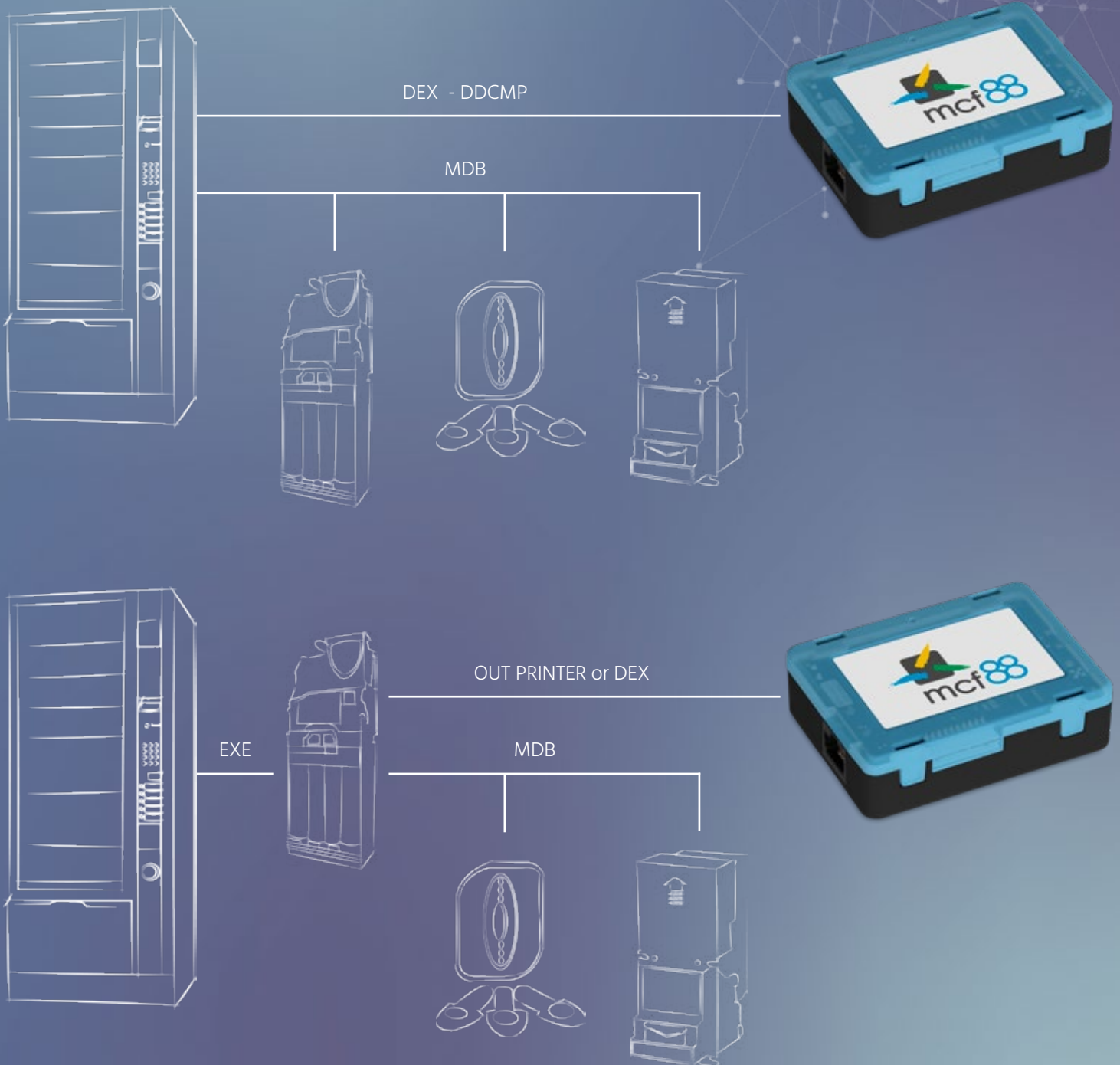- Dimensions L x H X P: 81 x 60 x 24mm

## 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

DEX - DDCMP

MDB

OUT PRINTER or DEX

EXE

MDB

# MCF-LW06VMC

## LoRaWAN™ Vending Machine Supervisor

## Infrastructure mcf88-LoRaWAN

EVA DTS/PRINTER

On Air
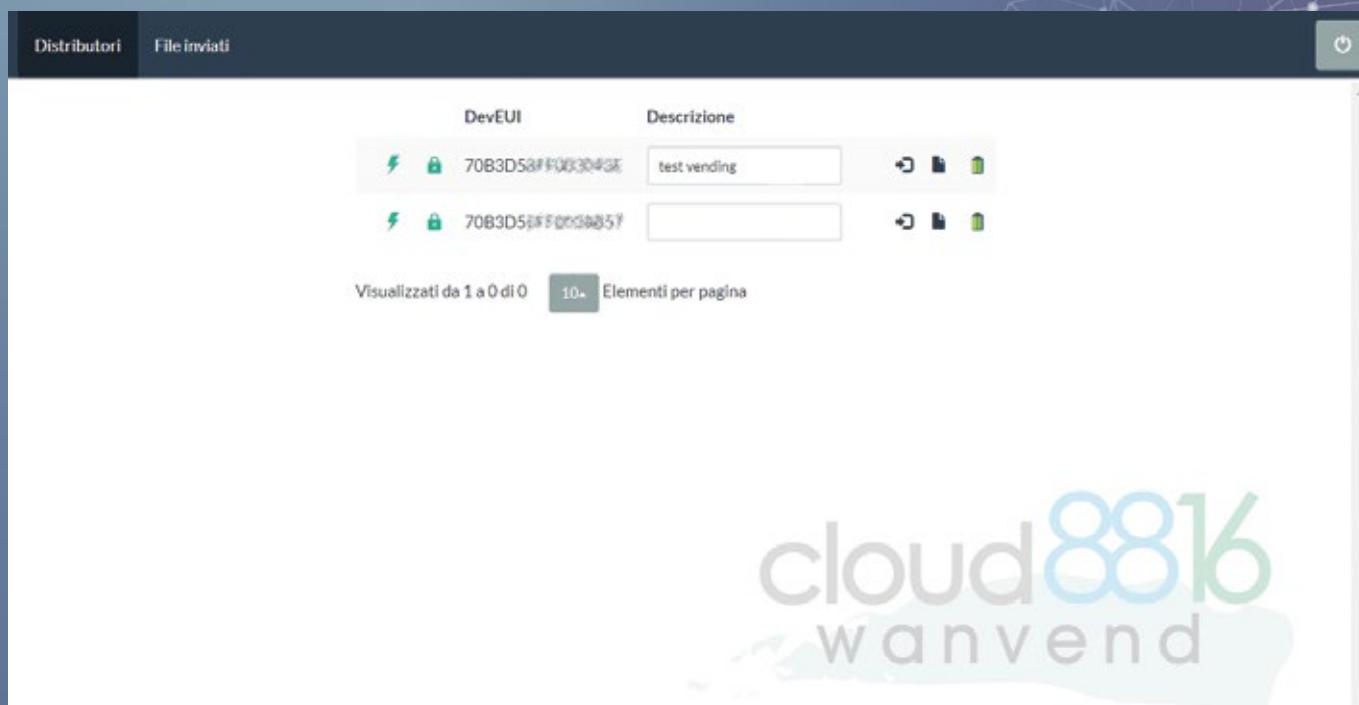
Mcf88 Client Application

CLOUD8816 Management

Base Station LoRa

# MCF-LW06VMC

## LoRaWAN™ Vending Machine Supervisor



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

| Ordering code | Description |
| --- | --- |
| MCF-W49B | LoRaWAN™ CABLE FOR CASHFLOW |
| MCF-W49C | LoRaWAN™ CABLE FOR COGES ECS |
| MCF-W49D | LoRaWAN™ CABLE FOR COGES ENGINE |
| MCF-W49E | LoRaWAN™ CABLE FOR CURRENZA C2 |
| MCF-W49G | LoRaWAN™ CABLE FOR MANEA VMC |
| MCF-W49H | LoRaWAN™ CABLE EVADTS JACK |
| MCF-W49L | LoRaWAN™ CABLE FOR FAS VMC |