



Elvaco CMe2100 LTE

Part Code	Name	Size	Input	Output
EL066DC	CMe2100 LTE GSM MBus Master 64 Meter	64	MBus	GSM
EL129DC	CMe2100 LTE GSM MBus Master 128 Meters	128	MBus	GSM
EL256DC	CMe2100 LTE GSM MBus Master 256 Meters	256	MBus	GSM
EL016DC	CMe2100 LTE GSM MBus Master 16 Meters	16	MBus	GSM
EL034DC	CMe2100 LTE GSM MBus Master 32 Meters	32	MBus	GSM

CMe2100 LTE is an MBus Metering Gateway for Mobile Networks with support for LTE communication and automatic fallback function (2G/3G/LTE). CMe2100 LTE reads up to 256 MBus meters, compiles meter data into customized reports and delivers it to a receiving system. The product is equipped with an IR interface which enables it to communicate with other devices from Elvaco's CMe/CMeX Series. CMe2100 LTE is compatible with all other meters that use the MBus standard protocol. The product can be configured and updated remotely through text messages or HTTP, which means that settings can easily be changed without having to visit the installation site. An external antenna is needed for CMe2100 LTE, this is ordered separately.

Features:

- Reads up to 256 MBus meters. Expanders required. Sold separately
- Can read up to 16 meters without an expander
- 2G/3G/LTE
- DIN Rail Mounted
- Suitable Enclosures available on request.



Managed Services

Meter Data Management

Billing Solutions

PAYG Management

Online Account Management

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Technical Specification

Mechanics

Protection Class	IP20
Dimensions (w x h x d)	35 x 100 x 65 mm
Mounting	DIN-rail (DIN 50022) 35 mm
Weight	120 g

Electrical connections

Supply voltage	Screw terminal, cable 0,5-2,5mm ²
MBus master port	Screw terminal, cable 0,2-1,5 mm ²
USB master port	Type A
USB slave port	Type micro B
Network	Mobile networks (2G/3G/LTE)

Electrical characteristics

Nominal voltage	100-240 VAC (±10%)
Power consumption (max)	<6 W
Power consumption (nom)	<1 W

User Interface

Configuration	SMS, HTTP, Telnet
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Approvals

EMC	EN 61000-6-2, EN 61000-6-3, EN 301489-1, EN 301489-7
Safety	EN 61010-1, CAT 3

MBus

Interfaces	IR, integrated MBus Master
MBus standard	EN 13757, full MBus decoder implemented
Transparent MBus	NET and TCP/IP (software limit does not apply to Transparent MBus mode)
Decryption	Yes

Integrated MBus Master

MBus baud rate	2400 and 9600 bit/s
Maximum numbers of MBus devices	256

General

Real time clock backup	12 h
Real time clock accuracy	<2 s/day
Script engine	Intelligent script engine for active content generation
Software update	HTTP
Measurement reports	HTTP, FTP, SMTP (e-mail), SMS



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