S. P. Wales Ltd
Electrical Metering Specialists

Elvaco CMe2100 – Summary Sheet

The CMe2100 is an Mbus data collector that sends metering information out to customers or data collectors via a SIM card. Typically, they sit in a DIN Rail enclosure and connect via the M-Bus network to other meters. It operates as a data collector for the meters and is set up to send data to the appropriate place/person via email, FTP, HTTP and SMS.

This device is fantastic, especially for clients who want remote data collection from a group of meters but do not want to use the LAN for physical or security reasons. The standard device will read up to 8 M-Bus meters, however extension modules can be fitted that enable the device to read up to 128 M-Bus slave meters. The extension is installed next to the CMe2100 which uses the IR interface to collect the data.

The CMe2100 works with a range of meters, these include Electricity (single and three phase), water (hot and cold), Heat and Gas meters. Our standard setup is to configure the device to email the metering data to the owner on a periodic bases, typically daily totals sent once per month.

To collect the data an active SIM card is required, typically this would be a standard PAYG SIM with data and minutes. Sim top ups are required as and when the credit runs out so the SIM should be managed through an online service.

Highlights	Add ons
Remotely read M-Bus meters.	MSELCMX32 – 32 M-Bus Slave add on CMEx10
Get data directly to your inbox.	MSELCMX64 – 64 M-Bus Slave add on CMEx11
M-Bus Meters and CMe pre-installed option.	MSELCMX128 – 128 M-Bus Slave add on CMEx12S
	MSELCMX256 – 128 M-Bus Slave add on CMEx13S

Communication Architecture and Wiring Diagrams

CMe2100 supports all types of M-bus meters