

elvace

CM^eSERIES
The everything meter.

Report Templates
Description Template
2103

CMe2100, CMi2110, CMi2120, CMi2130

FTP value report raw - file per device - plain

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1 Document notes

All information in this manual, including product data, diagrams, charts, etc. represents information on products at the time of publication, and is subject to change without prior notice due to product improvements or other reasons. It is therefore recommended that customers contact Elvaco AB for the latest product information before purchasing a CMe/CMi Series product.

The documentation and product are provided on an "as is" basis only and may contain deficiencies or inadequacies. Elvaco AB takes no responsibility for damages, liabilities or other losses by using this product.

1.1 Copyright and Trademark

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CMe/CMi Series is a trademark of Elvaco AB, Sweden.

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2 Using this document

2.1 Purpose and Audience

This document describes the contents of the report information created from report template 2103. Use this document together with Report Template Reference Information for complete understanding of this report template contents.

For customer specific templates, please contact Elvaco AB.

2.2 Models

CMe2100,CMi2110,CMi2120,CMi2130

2.3 Additional and updated information

Latest documentation version is available on Elvaco web site at <http://www.elvaco.com>.

3 Report format

This report contains value data in M-Bus raw format. This report sends a meter data report file to an FTP server. On execution of this report, one file per device (per meter) will be sent to the FTP Server.

3.1 Filename

Filename of the report data file sent to server is in the following format:

<serial-number>_<device-identification>_valuereport_<time>_<report-id>.csv.

Example of a file sent from a product with serial number 0006123456 and for device with secondary address 00112233 at 2010-09-01 01:00:00:

0006123456_00112233_valuereport_20100901010000_2103.csv.

3.2 File contents

The file contains rows. Each row contains the origin of the value and the actual value for a specific time.

Column index (0 = first column)	Column contents	Description
0	<serial-number>	Product serial number
1	<device-identification>	The device (meter) secondary address
2	<created>	The date/time of this value. Format: YYYY-MM-DD hh:mm:ss
3	<value-data-count>	The M-Bus telegram number from which this record is taken
4	<mbus-raw>	M-Bus raw data, starting with M-Bus C-Field. Stop character and checksum of the M-Bus telegram is excluded.
Example of file contents		
<pre>00000161;05047168;2009-12-17 00:00:00;00;08147268710405ac484103470000000c1480769604046dba092e1a426c 2a194c140000000042ec7e3f1c0fc010010c 00000161;05047168;2009-12-17 01:00:00;00;08147268710405ac484103480000000c1480769604046dba0a2e1a426c 2a194c140000000042ec7e3f1c0fc010010c 00000161;05047168;2009-12-17 02:00:00;00;08147268710405ac484103490000000c1480769604046dba0b2e1a426c 2a194c140000000042ec7e3f1c0fc010010c 00000161;05047168;2009-12-17 03:00:00;00;08147268710405ac4841034a0000000c1480769604046dba0c2e1a426c 2a194c140000000042ec7e3f1c0fc010010c</pre>		

Table 1 File contents and example file

3.3 Definitions

Type	Value	Description
Column delimiter	Semi-colon “;”	The field separator
Decimal point delimiter	Not used	Decimal separator character
End of line character(s)	CRLF (0x0D0A)	End of every line, before starting a new line.

Table 2 Definitions

4 Document History

Version	Date	Description	Author
1.0	2010-09-27	First release	David Vonasek

4.1 Document software and hardware appliance

Type	Version	Date	Comments
Hardware	-	-	-
Software	>1.1.5	2010-03	

5 References

5.1 References

- [1] CMe Series User's Manual
- [2] CMi2110 User's Manual
- [3] CMi2120 User's Manual
- [4] CMi2130 User's Manual
- [5] Report Template Description [n], where n is the report template id

5.2 Terms and Abbreviations

Abbreviation	Description

5.2.1 Number representation

Decimal numbers are represented as normal number, i.e. 10 (ten).

Hexadecimal numbers are represented with prefix 0x, i.e. 0x0A (ten)

Binary numbers are represented with prefix 0b, i.e. 0b00001010 (ten)