



Input type:

Input text: (hex)

Function:

Mode:

Key: (hex)

Init. vector:

Decrypted text:

00000000 2f 2f 04 13 1a 22 00 00 04 6d 03 28 c4 16 2f 2f | // . . . " . . . m . (Ä . //

Decrypted text:

00000000 2f 2f 04 13 1a 22 00 00 04 6d 03 28 c4 16 2f 2f

Actual counter value:

(221a)h = 8730

Actual date and time:

03 28

c4 16

(03)h = (00000011)₂
(28)h = (00101000)₂

(C4)h = (11000100)₂
(16)h = (00010110)₂

00 0000011 00101000

110 001000 0001 0110

08:03 06.04.2014

DIF	Number of data bytes	Code of the data bytes (always LSB first)
\$x0	none	no data available
\$x1	1	binary or bit array (8 bits)
\$x2	2	signed binary (16 bits), or date in G format.
\$x3	3	signed binary (24 bits).
\$x4	4	signed binary (32 bits), or date/time in F format.
\$x5	4	floating point (IEEE 32 bits format).
\$x6	6	signed binary (48 bits).
\$x8	none	request for readout of a parameter
\$xC	4	BCD (8 digits).
\$xD	variable	ASCII text (in 'Pascal' format, reversed order)
others	see EN1434	not used by Aquametro devices.

Definition of the G format (coding the date)

first byte								second byte							
a2	a1	a0	j4	j3	j2	j1	j0	a6	a5	a4	a3	M3	M2	M1	M0

j4..j0 code the day (1..31), M3..M0 code the month (1..12), a6..a0 code the year (0..99)

Definition of the F format (coding the date and time)

first byte								second byte								third byte	fourth byte
0	0	n5	n4	n3	n2	n1	n0	0	0	0	0	h4	h3	h2	h1	h0	=byte1 format G

h4..h0 code the hour (0..23), n5..n0 code the minute (0..59).

Legend:

minutes
hours
day
month
year