

LORAWAN Q&A

Q1:

If your gateway is ClassA, how to send an auto message gateway?

A: For SDM230-LORAWAN,

1. Power on the meter;
2. Long press to enter the password 8032;
3. Press both buttons to confirm;
4. Scroll the screens to "TST SEND";
5. Press the right button to send and the screen will s

For SDM630MCT-LORAWAN,

1. Power on the meter;
2. Long press to enter the password 8036;
3. Scroll the screens to "TEST", and press E;
4. The SEND will flash and press E to confirm;

Q2:

How to set the interval/numbers of auto-upload para

A: 1. Open KPPA

Provided the password is default 1000,

Command: 01 10 00 0E 00 02 04 44 7A 00 00 + CRC

2. Set numbers of parameters of each batch: (6)

01 10 FE 12 00 01 02 00 06 + CRC

3. Set parameters:

01 10 FE 02 00 0F 1E A B C D E F FF FF FF FF(*24) ...+(

4. Set interval: (10 mins)

01 10 FE 01 00 01 02 00 0A+CRC

Q3: The Max. reading of SDM630MCT-LORAWAN?

9999999.9kWh/kVarh

Once the reading reaches the Max. value, the meter on display and communication.

Q4: Decode (example: 5 auto-upload parameters)

01 32 1b 0d 01 0c 43 78 6e 1b 00 00 00 00 00 00 00 00

01 32 1b 0d: serial number

01: first batch

0c: fixed

43 78 6e 1b: voltage

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00 00 00 00: current
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00 00 00 00: active power

5a a5: CRC

01 32 1b 0d 02 0c 00 00 00 00 3f 80 00 00 00 00 00 00

01 32 1b 0d: serial number

02: second batch

0c: fixed

00 00 00 00: reactive power

3f 80 00 00 : power factor

00 00 00 00 : none

c2 1b: CRC

Close offline detection:

1. Open KPPA

Provided the password is default 1000,

Command: 01 10 00 0E 00 02 04 44 7A 00 00 + CRC

2. Send command:

01 10 FE 13 00 01 02 00 00 +CRC

&A

age for the meter to activate the

show "TST GOOD" ;

ameters?

01: Address;
10: Function code;
00 0E: hi/lo address
00 02: 2 (numbers of register)
04: 4 bytes
Password: 44 7A 00 00 = 1000

01: Address;
10: Function code;
FE 12: hi/lo address
00 01: 1 (numbers of register)
02: 2 bytes
00 06: 6 parameters

CRC

01: Address;
10: Function code;
FE 02: hi/lo address
00 0F: 15 (numbers of register)
1E: 30 bytes(total auto-upload
no.)

U1: Address
10: Function code
FE 01: hi/lo address
00 01: 1 (numbers of register)
02: 2 bytes
00 0A: 10mins

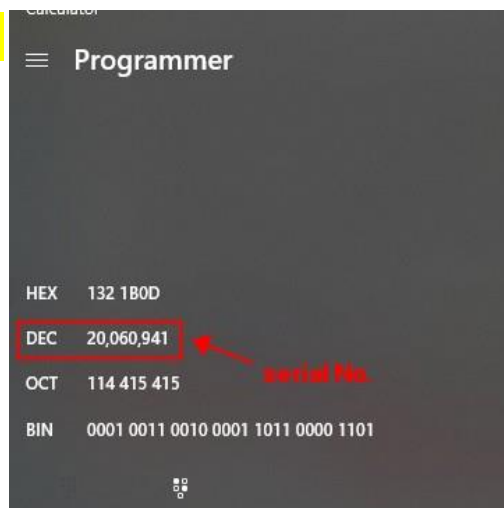


will measure and display from 0, both



0 5a a5

) c2 1b



单精度(float)

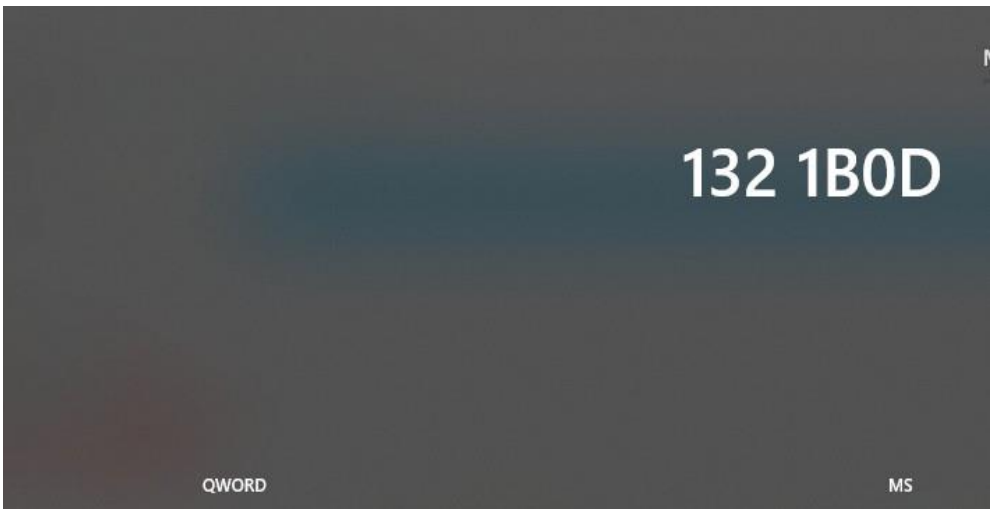
43786f

40015	Key Parameter Programming Authorization (KPPA)	00	0E	Read: to get the status of the KPPA 0 = not authorized; 1 = authorized Write the correct password to get KPPA, enable to program key parameters. Length : 4 byte Data Format : Float	r/w
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465043	Number of Registers in each active upload command (3)	FE	12	Under the active upload mode, to read/write how many registers are going to be read in one command. Range: 3 ~ 8, default: 3 Length : 2 byte Data Format : Hex (KPPA is asked)	r/w
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465027	Active upload parameters (2)	FE	02	Active upload parameters Range: 00 ~ 49, FF = invalid parameter, won't be uploaded An active upload window supports up to 30 parameter upload operations. Length : 30 byte	r/w
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465026	Interval of Active upload (1)	FE	01	Interval of Active upload Range: 0~255, Unit: min Length : 2 byte Data Format : Hex (KPPA is asked)	r/w
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E1B

转浮点数

双精度(double)

C073A28C5436B8FA

转浮点数

