

## DT-3891F interface protocol

PC send connection command to the Meter

0XF4	0xFF	0X00	0X00	0X00 ~~~~~~
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Fill with 0, 15 byte in total

PC send communication finishing command to the Meter

0XF5	0xFF	0X00	0X00	0X00 ~~~~~~
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Fill with 0, 15 byte in total

### Reading the LOGGER

Read the information package and data pages, length, sent by PC

0XF2	0xFF	0X00	0X00	0X00 ~~~~~~
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Fill with 0, 15 byte in total

0Xf2 0XFF are the package head

From the 3<sup>rd</sup> byte to 15<sup>th</sup> byte are all 0

After Meter received, send the package Length at first (4 byte)

0XF2 HEAD	Info(length of info package) length	Page (Page length low byte) Length low	Page (page length high byte) Length hi
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The 7 byte is a information package, therefore, Infolenlength is 0x07( there are 7 byte in the information package)

“page length” means the byte number in each page. The data package length is set to 256 byte, therefore, pagelength is 0x00 0x01

Delay sending information package

0XF3	Data group number		All data byte length			unit
	L	M	U8 L	U8 M	U8 H	0 C 1 F

Reading data package

PC send page number (00 01)

HEAD 0xF3 0xFF	0X00 0X01 Hi low Page number	0X00/0X01 Remainder send 0X01, others send 0X00	~~~~~
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Fill with 0, 15 byte in total

Note: Page number is with hi byte at the beginning and low byte at end,

Remainder means the remaining is not enough for one page.

METER send first page of data package

Identify code		Sampling rate		Recoding initial time					
		low	high	second	minute	hour	date	month	year
uchar									
0xaa	0x56								

data	
T1	T2
int	int

For data, first send low byte, thence send high byte

And then, PC send page number (00 02)

METER send 2<sup>nd</sup> page of data