

2.1 Output packet

Monitoring data frames are available in three versions, HEX format, STR format 1.0, and STR format 2.0. These three data frames can be selected by device parameters.

(1) HEX Format

Hexadecimal data, data frame length 91 bytes.

Data Addr	Data len	Descr
0	1	Data type code 0x01: Manual test data 0x02: Auto send data
1~2	2	Device Addr
3~6	4	Data record num
7~12	6	Time stamp BCD code, YYMMDDHHMMSS
13	1	Reserved
14	1	signal strength 0~31
15~16	2	temperature, unit 0.1℃
17~18	2	Supply voltage, unit: 0.01V
19~20	2	Charging voltage, unit 0.01V
21~24	4	Pulse sensor counting value
25~88	64	32 channel data
89~90	2	CRC check data

(2) STR Format 1.0

Hexadecimal string, data frame length 156 bytes.

Data Addr	Data len	Descr
0~1	2	Device Addr
2~5	4	Data record num
6~7	2	Reserved
8~9	2	signal strength 0~31
10~11	2	temperature, unit 0.1℃
12~15	4	Pulse sensor counting value
16~19	4	Supply voltage, unit: 0.01V
20~23	4	Charging voltage, unit 0.01V
24~151	128	32 channel data
152~155	4	CRC check data

(3) STR Format 2.0

Multiple rows of data represented by the string "data symbol = data value"

(easier to read).

Symbol string	Descr
BATV=nnnnn	Supply voltage, unit: 0.01V
CHGV=nnnnn	Charging voltage, unit 0.01V
SIGV=nnnnn	signal strength 0~31
TEMP=nnnnn	temperature, unit 0.1℃
CHxx=nnnnn	32 channel data