**1x64模块参数表格式（内部定义）**

**存储格式定义**

1. 地址分配：0x0000~0x0FFF存放模块电子标签信息，0x1000~0x2FFF存放参数表，0x3000~0x3FFF存放FW内部使用数据。
2. 表格中的数据存储，采用大字节优先方式。比如存储数据为0x12345678，则地址（Addr）填0x12，地址（Addr+1）填0x34，地址（Addr+2）填0x56，地址（Addr+3）填0x78。
3. 光开关标定数据为负时，使用补码表示，例如-70，表示为0xFFFFFFBA
4. 模块电子标签格式定义如下：

分为5项内容，每项内容以字符串表示，每项内容长度最长32字节（无内容填充0）:

1. Product Number，地址0x00~0x1F
2. Manufacture Date， 地址0x20~0x3F
3. Assembly Serial Number，地址0x40~0x5F
4. Filter Serial Number，地址0x60~0x7F

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| EEPROM偏移地址 | 数字0～F表示EEPROM地址的最后一位，用X表示 | | | | | | | | | | | | | | | |
|  | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | A | B | C | D | E | F |
| 参数表：光开关标定数据 | | | | | | | | | | | | | | | | |
| 0x100X | SW1通道1的X值 | | | | SW1通道1的Y值 | | | | SW1通道2的X值 | | | | SW1通道2的Y值 | | | |
| 0x100X |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 0x101X | SW1通道3的X值 | | | | SW1通道3的Y值 | | | | SW1通道4的X值 | | | | SW1通道4的Y值 | | | |
| 0x101X |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 0x102X | SW1通道5的X值 | | | | SW1通道5的Y值 | | | | SW1通道6的X值 | | | | SW1通道6的Y值 | | | |
| 0x102X |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 0x103X | SW2通道1的X值 | | | | SW2通道1的Y值 | | | | SW2通道2的X值 | | | | SW2通道2的Y值 | | | |
| 0x103X |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 0x104X | SW2通道3的X值 | | | | SW2通道3的Y值 | | | | SW2通道4的X值 | | | | SW2通道4的Y值 | | | |
| 0x104X |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 0x105X | SW2通道5的X值 | | | | SW2通道5的Y值 | | | | SW2通道6的X值 | | | | SW2通道6的Y值 | | | |
| 0x105X |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 0x106X | SW2通道7的X值 | | | | SW2通道7的Y值 | | | | SW2通道8的X值 | | | | SW2通道8的Y值 | | | |
| 0x106X |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 0x107X | SW2通道9的X值 | | | | SW2通道9的Y值 | | | | SW2通道10的X值 | | | | SW2通道10的Y值 | | | |
| 0x107X |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 0x108X | SW2通道11的X值 | | | | SW2通道11的Y值 | | | | 预留 | | | | 预留 | | | |
| 0x108X |  |  |  |  |  |  |  |  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 中间的地址填充格式同SW2，依次填充到SW6，每个SW有11通道  ......................................................................................................................................................................................................................................  SW3标定数据地址范围：0x1090 ~0x10EF  SW4标定数据地址范围：0x10F0 ~0x114F  SW5标定数据地址范围：0x1150 ~0x11AF  SW6标定数据地址范围：0x11B0 ~0x120F | | | | | | | | | | | | | | | | |
| 0x121X | SW7通道1的X值 | | | | SW7通道1的Y值 | | | | SW7通道2的X值 | | | | SW7通道2的Y值 | | | |
| 0x121X |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 0x122X | SW7通道3的X值 | | | | SW7通道3的Y值 | | | | SW7通道4的X值 | | | | SW7通道4的Y值 | | | |
| 0x122X |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 0x123X | SW7通道5的X值 | | | | SW7通道5的Y值 | | | | SW7通道6的X值 | | | | SW7通道6的Y值 | | | |
| 0x123X |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 0x124X | SW7通道7的X值 | | | | SW7通道7的Y值 | | | | SW7通道8的X值 | | | | SW7通道8的Y值 | | | |
| 0x124X |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 0x125X | SW7通道9的X值 | | | | SW7通道9的Y值 | | | | 预留 | | | | 预留 | | | |
| 0x125X |  |  |  |  |  |  |  |  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 参数表：插损标定数据 | | | | | | | | | | | | | | | | |
| 0x126X | 第1路插损值 | | | | 第2路插损值 | | | | 第3路插损值 | | | | 第4路插损值 | | | |
| 0x126X |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 中间的地址填充格式同第1路插损值，依次填充到第124路插损值  ...................................................................................................................................................................................................................................... | | | | | | | | | | | | | | | | |
| 0x145X | 第125路插损值 | | | | 第126路插损值 | | | | 第127路插损值 | | | | 第128路插损值 | | | |
| 0x145X |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 参数表：门限值 | | | | | | | | | | | | | | | | |
| 0x146X | 2.5V电压告警上门限值 | | | | 2.5V电压清除告警上门限值 | | | | 2.5V电压告警下门限值 | | | | 2.5V电压清除告警下门限值 | | | |
| 0x146X |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 0x147X | 3.3V电压告警上门限值 | | | | 3.3V电压清除告警上门限值 | | | | 3.3V电压告警下门限值 | | | | 3.3V电压清除告警下门限值 | | | |
| 0x147X |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 0x148X | 5V电压告警上门限值 | | | | 5V电压清除告警上门限值 | | | | 5V电压告警下门限值 | | | | 5V电压清除告警下门限值 | | | |
| 0x148X |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 0x149X | 64V电压告警上门限值 | | | | 64V电压清除告警上门限值 | | | | 64V电压告警下门限值 | | | | 64V电压清除告警下门限值 | | | |
| 0x149X |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 0x14AX | 温度告警上门限值 | | | | 温度清除告警上门限值 | | | | 温度告警下门限值 | | | | 温度清除告警下门限值 | | | |
| 0x14AX |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| FW内部使用数据 | | | | | | | | | | | | | | | | |
| 0x300X | 升级功能使用 | | | | | | | | | | | | | | | |
| 0x300X | 0xA5 | 0xA5 | 0x5A | 0x5A |  |  |  |  |  |  |  |  |  |  |  |  |
| 0x301X | 升级功能使用 | | | | | | 预留 | | | | | | | | | |
| 0x301X |  |  |  |  |  |  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0x302X | 日志功能使用 | | | | | | | | | | | | 参数表检验码 | | | |
| 0x302X | 0xA5 | 0xA5 | 0x5A | 0x5A |  |  |  |  |  |  |  |  |  |  |  |  |
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