|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 接受PC端数据 | | | | | | | | | | | |
|  | 数据包数据内容 |  | 数据包长度 | | 包数据CRC | | 包序号 | | 命令码 | | 功能 |
|  | DataRx | extraDataRx | | | | | | | | |  |
| Index | 0~43200（240\*60\*3） | 0~23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |  |
|  |  |  |  |  |  |  |  |  | 01 | fe | 通知进入bootloader |
|  |  |  |  |  |  |  |  |  | 02 | fe | 查询是否进入 |
|  |  |  |  |  | 文件大小 | | | | 03 | fe | 通知擦除flash |
|  | 数据内容（应用代码） |  | 长度 | | CRC | | 包序号 | | 04 | fe | 下载应用代码 |
|  |  |  |  |  |  |  |  |  | 05 | fe | 通知下载完成 |
|  |  |  |  |  |  |  |  |  |  |  |  |
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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 应答PC端数据 | | | | | | | | | | |
|  |  |  | |  | |  | | 命令码 | | 功能（应答） |
|  | extraDataRx | | | | | | | | |  |
| Index | 0~23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |  |
|  |  |  |  |  |  |  | 0:success 1:failed | 01 | ef | 通知进入bootloader |
|  |  |  |  |  |  |  | 0:success 1:failed | 02 | ef | 查询是否进入 |
|  |  |  |  |  |  |  | 0:success 1:failed | 03 | ef | 通知擦除flash |
|  |  |  | |  | |  | 0:success 1:failed | 04 | ef | 下载应用代码 |
|  |  |  |  |  |  |  | 总包数 | 05 | ef | 通知下载完成 |
|  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |