|  |  |  |
| --- | --- | --- |
| **Field** | **Definition** | **Length (byte)** |
| **PacketLen** | **the length of Packet** | **2** |
| **Command** | **Command word** | **1** |
| **Payload** | **Effective data not rated long** | **1/2/3** |

**Communication Protocol**

|  |  |  |
| --- | --- | --- |
| **Use Case** | **Command** | **direction** |
| ‘’LOGIN’’ | 0x60 | ‘’Board’’ 🡪 ‘’SerialHandler’’ |
| ‘’CREATE\_CARD’’ | 0x61 | ‘’Board 🡪 ‘’SerialHandler’’ |
| ‘’INSERT\_TERMINAL’’ | 0x62 | ‘’Board‘’🡪 ‘’SerialHandler’’ |
| ‘’CREATE\_TERMINAL’’ | 0x63 | ‘’Board’’ 🡪 ‘’SerialHandler’’ |
| ‘’CHECK\_CHANNEL’’ | 0x64 | ‘’Board’’ 🡪 ‘’SerialHandler’’ |
| ‘’CREATE\_CHANNEL’’ | 0x65 | ‘’SerialHandler’’ 🡪 ‘’Board’’ |
| ‘’CHANGE\_STATUS’’ | 0x66 | ‘’Board’’ 🡪 ‘’SerialHandler’’ |
| ‘’LOCK\_CHANNEL’’ | 0x67 | ‘’Board’’ 🡪 ‘’SerialHandler’’ |
| ‘’FREE\_CHANNEL’’ | 0x68 | ‘’Board’’ 🡪 ‘’SerialHandler’’ |
| ‘’DELETE\_CARD’’ | 0x69 | ‘’SerialHandler’’ 🡪 ‘’Board’’ |
| ‘’DELETE\_TERMINAL’’ | 0x70 | ‘’Board‘’🡪 ‘’SerialHandler’’ |
| ‘’COMMAND\_ERROR’’ | 0x71 | ‘’SerialHandler’’ 🡪 ‘’Board’’ |
| ‘’DELETE\_CHANNNEL’’ | 0x72 | ‘’SerialHandler’’ 🡪 ‘’Board’’ |
| ‘’UPDATE\_CHANNEL’’ | 0x73 | ‘’SerialHandler’’ 🡪 ‘’Board’’ |