#### 3.1 主站请求帧

功能： 读计量数据

表计类型： T = 10H

表计地址： A0…A6(表计地址)

控制码： C = 01H

数据长度： L = 03H

数据标识： DI0 = 1FH; DI1 = 90H (1F90H)

序列号： SER

帧格式：

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 68H | T | A0 | … | A6 | 01H | 03H | DI0 | DI1 | SER | CS | 16H |

#### 3.2 从站应答帧(188协议)

功能： 返回计量数据

表计类型： T = 10H

表计地址： A0…A6(表计地址)

控制码： C = 81H

数据域长度：L = 16H

数据标识： DI0 = 1FH; DI1 = 90H (1F90H)

序列号： SER

当前正累计流量:D3D2D1.D0 = XXXXXX.XX(BCD码)(读数范围：000000.00到999999.99)

单位: D4 = 2CH:吨

当前负累积流量:D8D7D6.D5 = XXXXXX.XX(BCD码)(读数范围：00000.00到99999.99)

单位: D9 = 2CH:吨

实时时间: D16D15D14D13D12D11D10 = YYYY MM DD HH MM:SS (D16～D10)H

表计状态： D18:D17 = ST1:ST0(详见附录)

帧格式：

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 68H | T | A0 | … | A6 | 81H | 16H | DI0 | DI1 | SER | D0 | … | D18 | CS | 16H |