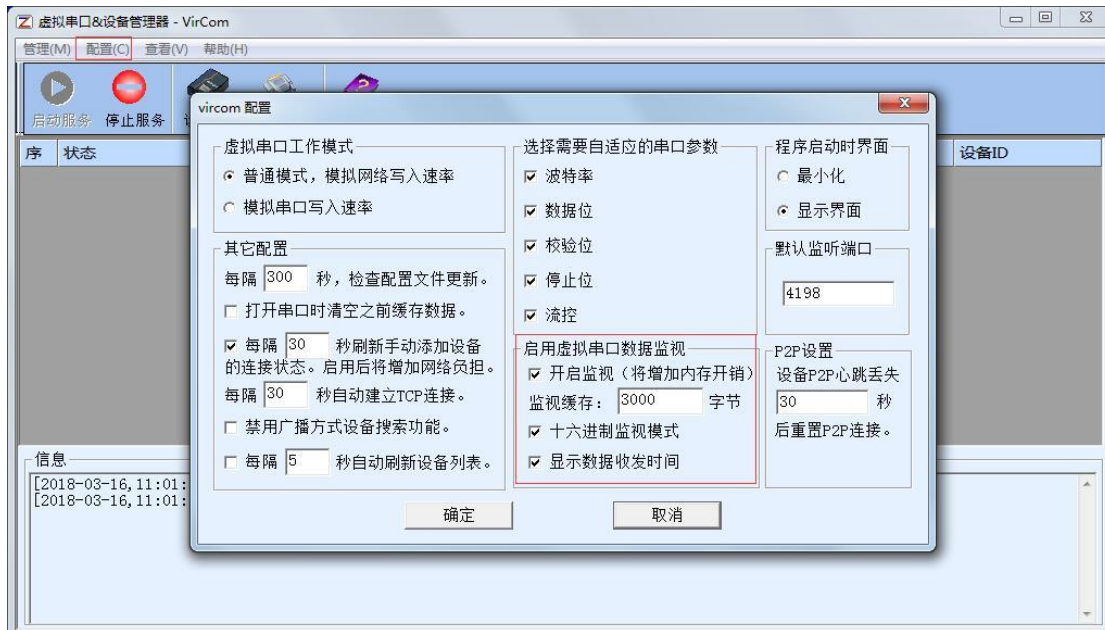


如何监视虚拟串口

监视虚拟串口的目的：测试数据进入我们设备的状态，判断 TCP 已建立，虚拟串口已联通的状态下通讯不起来的原因

故障如下：1. 上位机软件接收不到数据；2. 下端串口设备接线的问题

第一步：配置——软件配置里面勾选监视



第二步：监视对应的虚拟串口



第三步：刷新，看看数据经过虚拟串口的状态

最近接收的信息

```
[16,11:31:05,3637.9939(S)]01 03 02 00 00 B8 44
[16,11:31:06,3638.7136(S)]01 03 02 00 00 B8 44
[16,11:31:06,3639.2667(S)]01 03 02 00 00 B8 44
[16,11:31:07,3639.6736(S)]01 03 02 00 00 B8 44
[16,11:31:07,3640.1095(S)]01 03 02 00 00 B8 44
[16,11:31:07,3640.4743(S)]01 03 02 00 00 B8 44
[16,11:31:08,3640.8942(S)]01 03 02 00 00 B8 44
[16,11:31:08,3641.2220(S)]01 03 02 00 00 B8 44
[16,11:31:08,3641.4554(S)]01 03 02 00 00 B8 44
[16,11:31:08,3641.5817(S)]01 03 02 00 00 B8 44
[16,11:31:09,3641.7360(S)]01 03 02 00 00 B8 44
[16,11:34:13,3826.0214(S)]01 03 02 00 00 B8 44
[16,11:34:14,3827.1206(S)]01 03 02 00 00 B8 44
```

最近发送的信息

```
[16,11:31:05,3637.9637(S)]01 03 00 00 00 01 84 0A
[16,11:31:06,3638.6838(S)]01 03 00 00 00 01 84 0A
[16,11:31:06,3639.2367(S)]01 03 00 00 00 01 84 0A
[16,11:31:07,3639.6433(S)]01 03 00 00 00 01 84 0A
[16,11:31:07,3640.0800(S)]01 03 00 00 00 01 84 0A
[16,11:31:07,3640.4446(S)]01 03 00 00 00 01 84 0A
[16,11:31:08,3640.8643(S)]01 03 00 00 00 01 84 0A
[16,11:31:08,3641.1917(S)]01 03 00 00 00 01 84 0A
[16,11:31:08,3641.3920(S)]01 03 00 00 00 01 84 0A
[16,11:31:08,3641.5514(S)]01 03 00 00 00 01 84 0A
[16,11:31:09,3641.7059(S)]01 03 00 00 00 01 84 0A
[16,11:34:13,3825.9920(S)]01 03 00 00 00 01 84 0A
[16,11:34:14,3827.0906(S)]01 03 00 00 00 01 84 0A
```

1. 若最近接收发送都有数据，并数据正确的情况，通讯正常；
2. 若有最近发送信息，没有接收信息，说明串口设备没有反应，检查接线；
3. 若有最新发送信息和接收信息，但是数据乱码不正确，考虑串口参数是否配置正确。