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2023-01-18

2023-01-18

2021 1 18	2023 1 18

dbus Poll dbus tcp LUC-MTB

Modbus Poll modbus tcp MTB IO

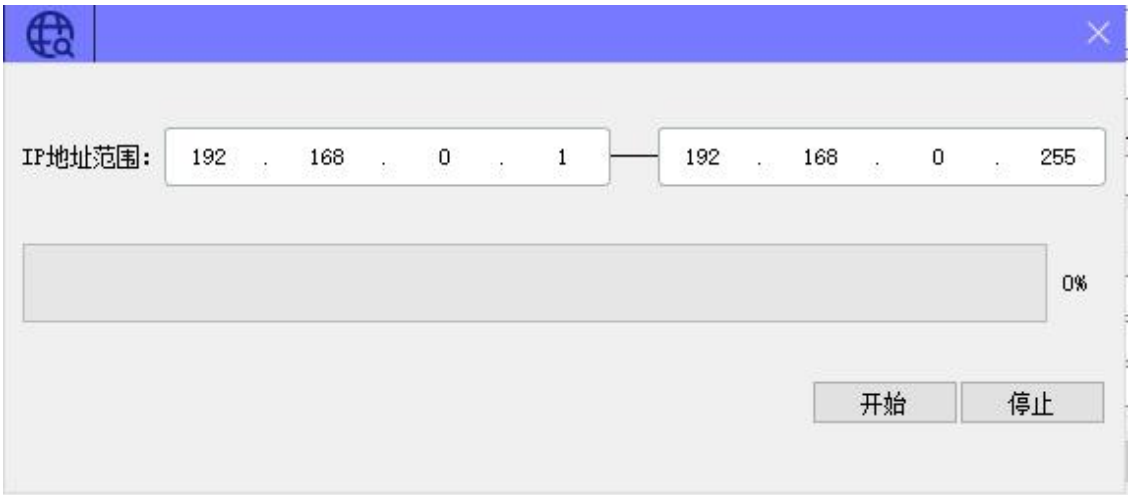
Modbus Poll IO

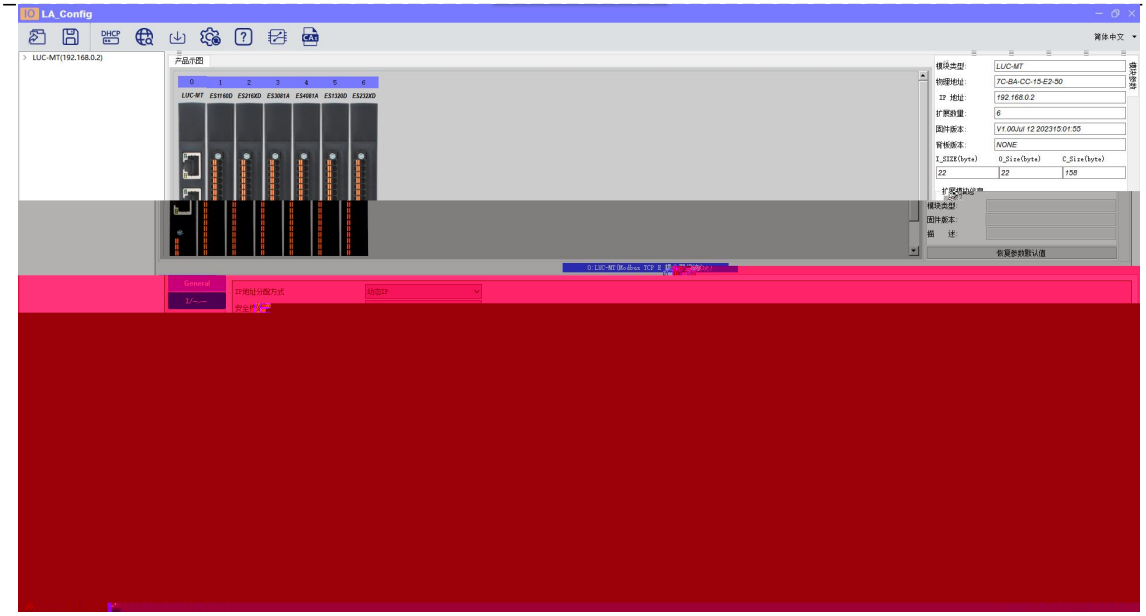
- Modbus Poll
- LUC-MTB

1. LAEConfig IP IP 192.168.0.x

2.  IP IP

“ ” IP

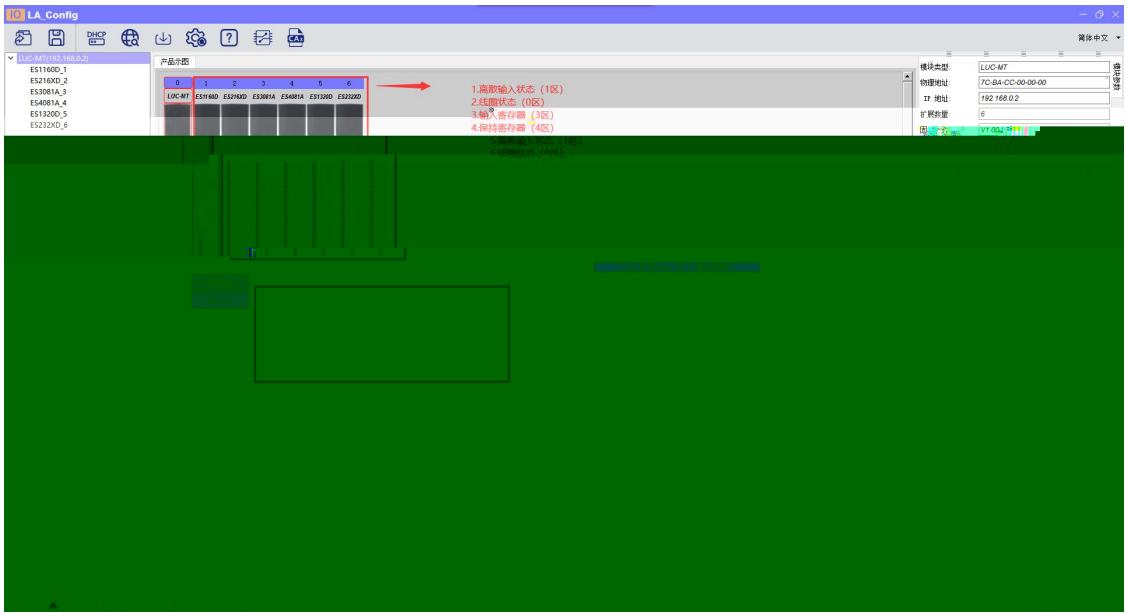




3. ip “IP IP”

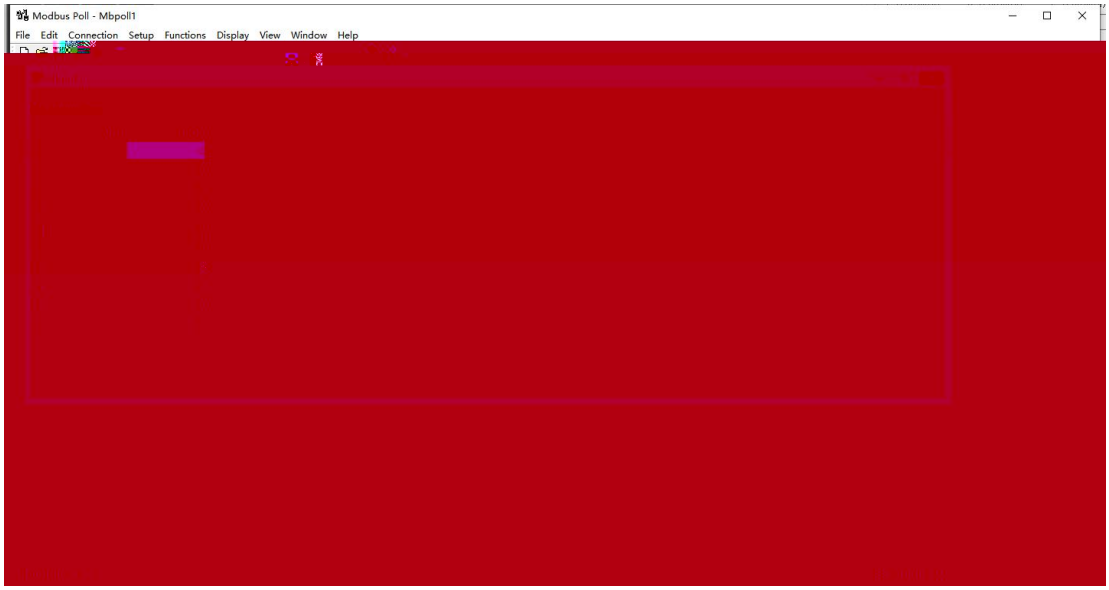

工厂工具
mac
IP地址
子网掩码
默认网关
模块名称
状态
1
7C-BA-CC-15-E2-50
192 . 168 . 0 . 2
255 . 255 . 255 . 0
192 . 168 . 0 . 1
LUC_MT
未操作
扫描时间
5
:S
全局扫描
修改IP
恢复出厂设置
重启模块
扫描进行中:
100%

4.

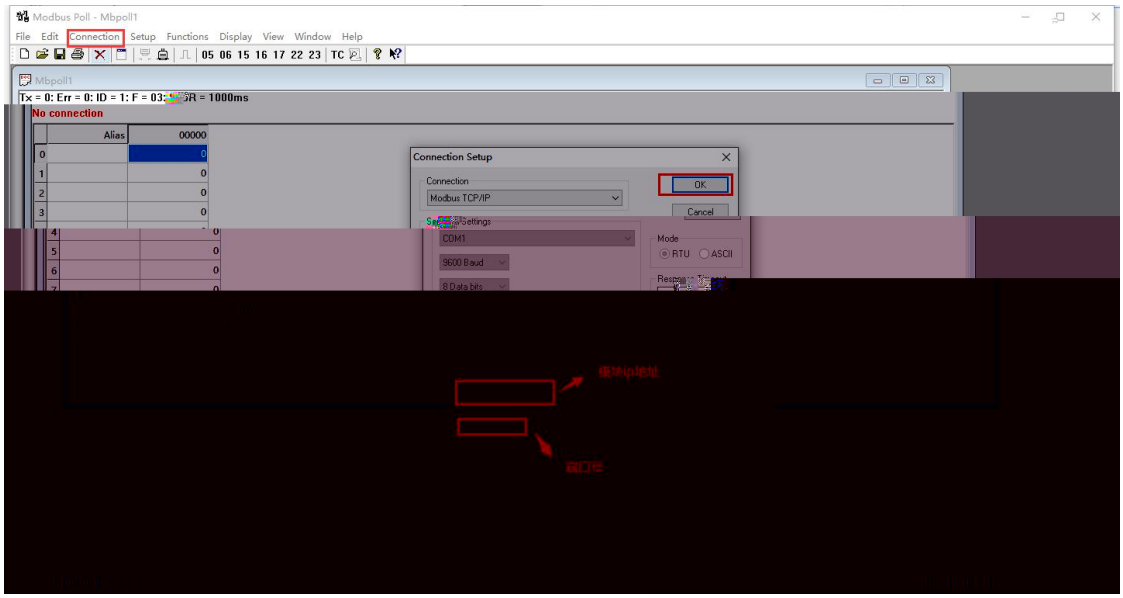


IP	IP	dhcp ip
	IP	dhcp ip
	,	
	,	
IO	Bit	
	Reg	

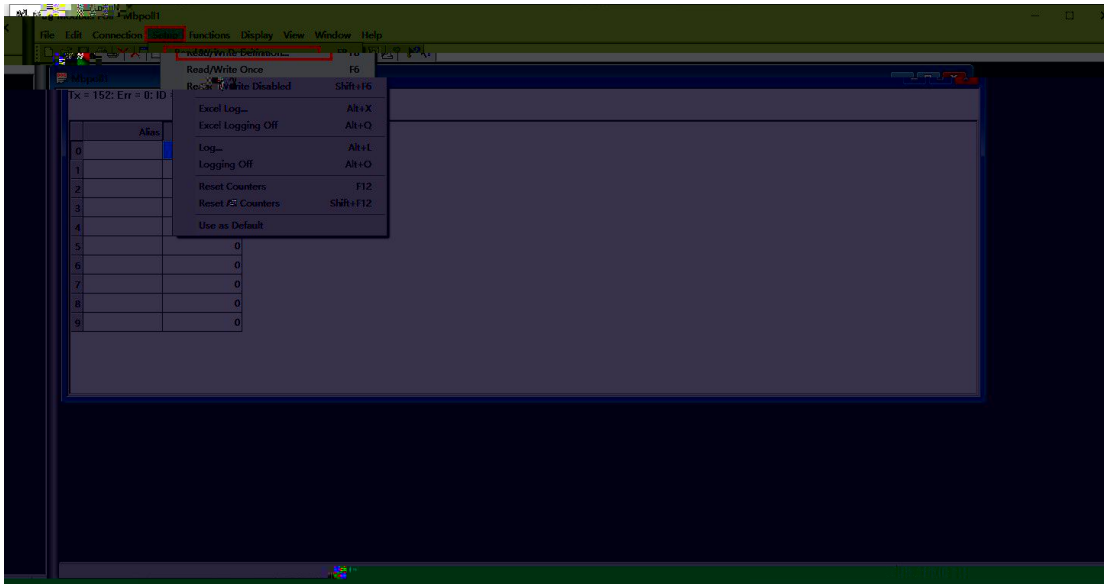
5. modbus poll

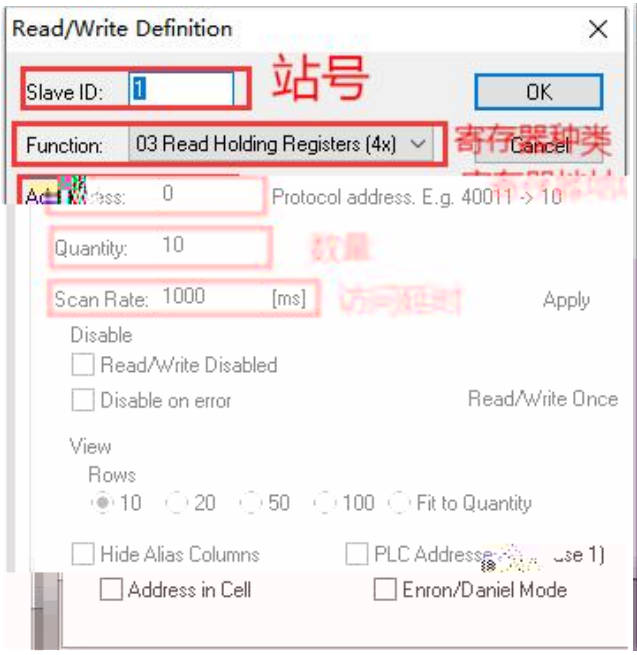


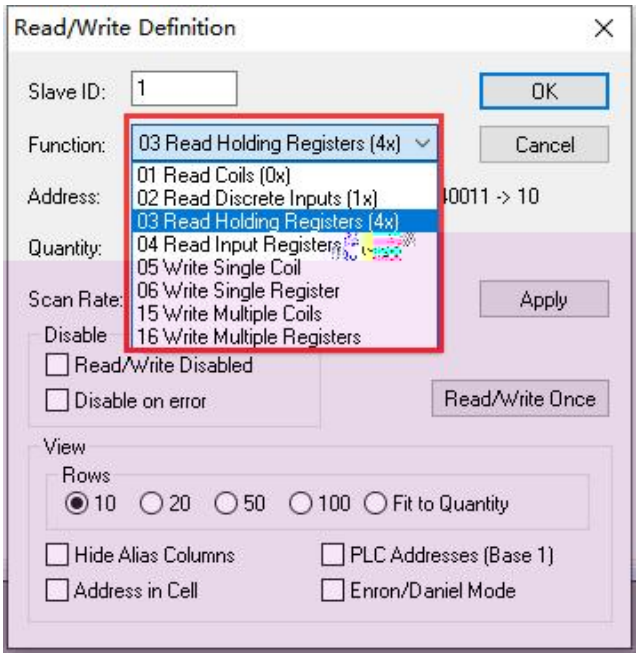
6. “Connection” ip LUC-MTB ip



7.

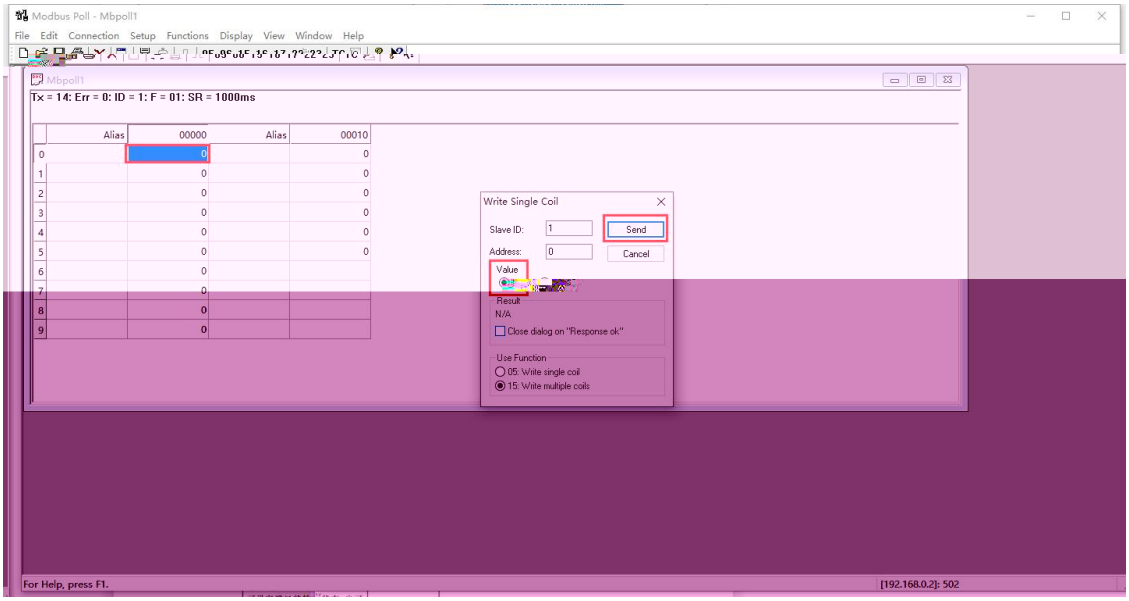




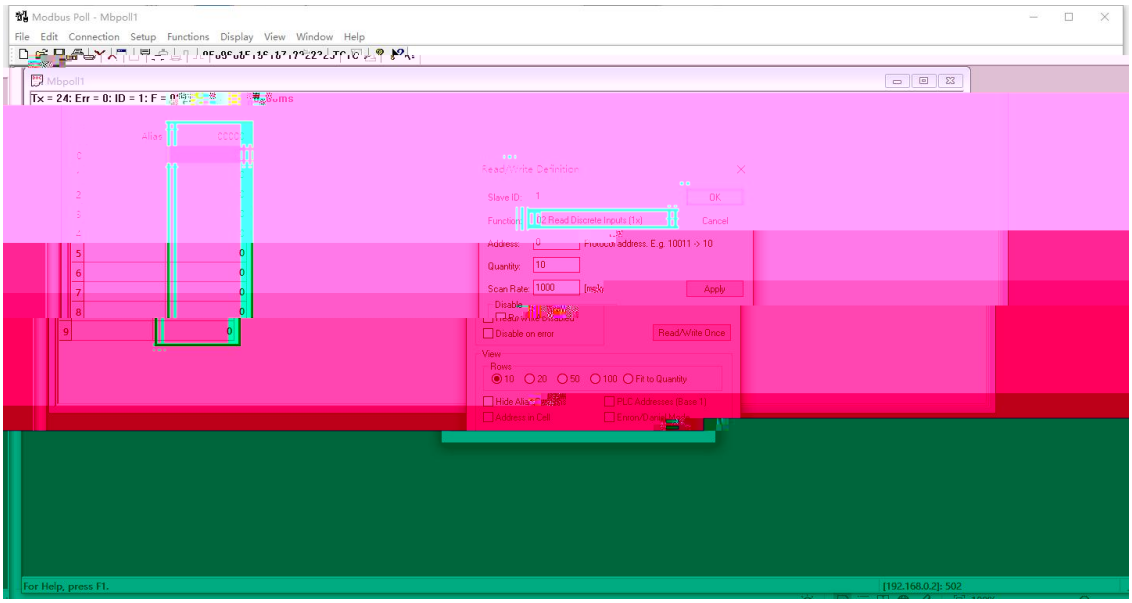


01Read Coils 0x	
02Read Discrele Inputs 1x	
03Read Holding Registers 4x	
04Read Input Registers 3x	
05Write Single Coil	
06Write Single Register	
15Write Multiple Coils	
16Write Multiple Registers	

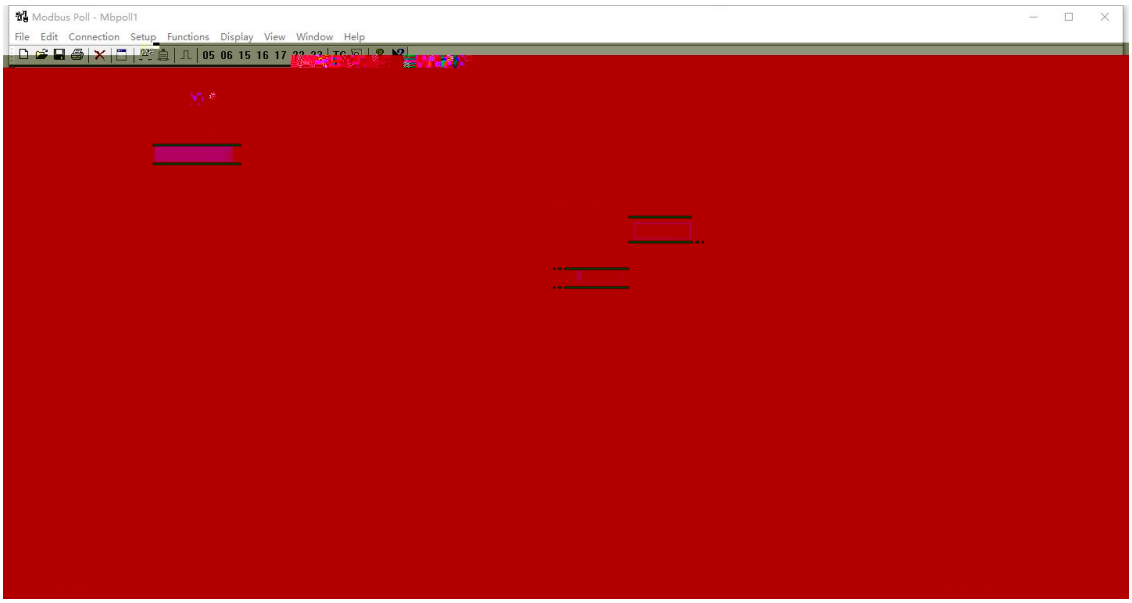
8. ES-216XD,ES-232XD 01 “send” 1



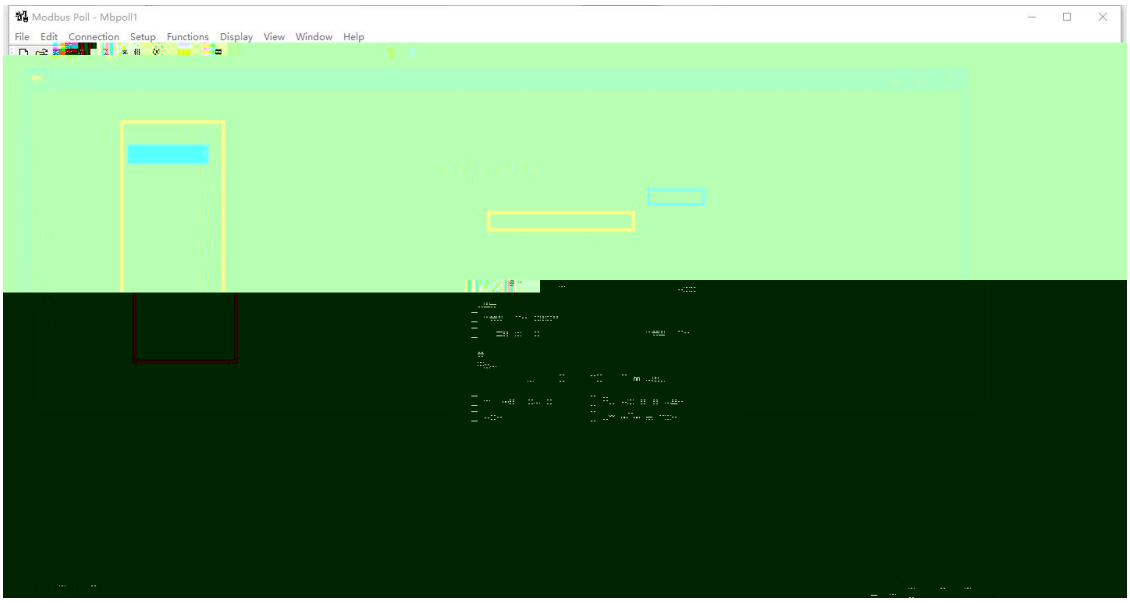
9. ES-1160D,ES-1320D 02



10. (ES-408XA) 03 “send”



11. (ES-3081A,ES-3087A,ES-3088A) 04



寄存器种类	说　明	与 PLC 类比	举例说明
线圈状态 (Coil Status)	输出端口。 可设定端口的输出状态，也可以读取该位的输出状态。可分为两种不同的执行状态，例如保持型或边沿触发型	DO(数字量输出)	电磁阀输出、MOSFET 输出、LED 显示等
离散输入状态 (Input Status)	输入端口。 通过外部设定改变输入状态，可读但不可写	DI(数字量输入)	拨码开关、接近开关等
保持寄存器 (Holding Register)	输出参数或保持参数，控制器运行时被设定时某些参数，可读可写	AO(模拟量输出)	模拟量输出设定值，PID 调节参数，变量阀输出大小，传感器报警上限、下限
输入寄存器 (Input Register)	输入参数。 控制器运行时从外部设备获得的参数，可读但不可写	AI(模拟量输入)	模拟量输入

- Modbus寄存器地址分配

寄存器种类	寄存器 PLC 地址	寄存器 Modbus 协议地址	简称	读写状态
线圈状态	00001～09999	0000H～FFFFH	0x	可读可写
离散输入状态	10001～19999	0000H～FFFFH	1x	只读
保持寄存器	40001～49999	0000H～FFFFH	4x	可读可写
输入寄存器	30001～39999	0000H～FFFFH	3x	只读