

SenseLiveE7500/E7000 Remote IO Controller

Configuration Datasheet





Catalogue

| 1. | Software Installation 4 | | | | | | | | | | |
|----|-------------------------------------|----|--|--|--|--|--|--|--|--|--|
| 2. | Hardware Connection 4 | | | | | | | | | | |
| 3. | Parameter Configuration5 | | | | | | | | | | |
| | 3.1 IO configuration of SLE75005 | | | | | | | | | | |
| | 3.2 TCP/IP configuration of SLE7000 | 6 | | | | | | | | | |
| | 3.2.1 Hardware connection SLE7500 | 8 | | | | | | | | | |
| | 3.2.2 Control Panel Setting | 9 | | | | | | | | | |
| | 3.2.3 Modbus Communication Settings | 10 | | | | | | | | | |
| | 3.2.4 Modbus address | 10 | | | | | | | | | |
| 4. | Testing of devices on modbus poll | 11 | | | | | | | | | |
| | 4.1 Device SLE7000 | 11 | | | | | | | | | |
| | 4.2 Device SLE750014 | | | | | | | | | | |



1. Introduction:-

SLE7000: Ethernet-based Modbus TCP to Modbus RTU conversion, virtual serial ports, and simultaneous monitoring/control of 4 digital inputs, 2 analog inputs, and 4 relay outputs. Uses Modbus TCP/RTU for remote I/O control and data acquisition.

SLE7500: Based on RS485 transmission, it can also monitor 4 digital inputs, 2 analog inputs, and control 4 relay outputs simultaneously. Remote I/O control and data acquisition use the Modbus protocol.

2. Technical Parameters:-

| Figure | | | | | | | | | | |
|---|-------------------------|--|--|--|--|--|--|--|--|--|
| Size: L x W x H =12.2cm×7.2cm×3.4cm | | | | | | | | | | |
| Serial Port (E7500 only) | | | | | | | | | | |
| RS485 port,1200~115200bps(default 9600),8bits、NONE parity、1stop bit | | | | | | | | | | |
| Software | | | | | | | | | | |
| App protocol | Modbus RTU / Modbus TCP | | | | | | | | | |
| Physical protocol | Ethernet, RS485 | | | | | | | | | |
| Relay Transmission | Time (Response time) | | | | | | | | | |
| SLE7000/ SLE7500: | <30ms | | | | | | | | | |
| Al Input Format | | | | | | | | | | |
| Current: 4~20mA,0~20 |)mA | | | | | | | | | |
| Votage: 0~5V,0~10V | | | | | | | | | | |
| Resister: 0~10K, temp | erature/humidity sensor | | | | | | | | | |
| Power Consumption | | | | | | | | | | |
| SLE7000: <1.8W <7 | 5mA @24V | | | | | | | | | |
| SLE7500: <1.7W <70 | DmA@24V | | | | | | | | | |
| Environment | | | | | | | | | | |



| Operation temp. | -40~85℃ | |
|-----------------|----------------|--|
| Storage temp. | -45~165℃ | |
| Humidity: | 5~95% relative | |

3. Software Installation:-

To download Vicrom software just click on the below link.

http://senselive.io/download/software/SLVirCom.zip

4. Hardware Connection:-

- **Power Supply:** Connect on-site 2-wire power to positive and negative terminals.
- Digital input & output: Connect to any DI pin (1-4) for input and any RL pin (1-4) for output.
- Analog input: connected to any AI pin (1-4).
- Serial Port: Connect based on user device. For the first 485 port, connect 485+ to 1A and 485- to 1B.





5. Parameter Configuration:-

3.1 IO controller configuration:-

1. After installing Vircom, connecting the hardware, running the software, and clicking on "Device Management," proceed with the necessary configurations.



5



2. In the Device Management interface, click on "IO controller" as shown in the figure.

| Devic | evice Management X | | | | | | | | | | | | | | |
|-------|--------------------|------|------|---|--------|-----|---------|-----------|-----|-----------|-----------|--------|---|---|---------------|
| I | Ту | Name | type | F | Dev IP | Loc | Dest IP | Work Mode | тср | Virtual S | Vircom St | Dev ID | т | R | |
| | | | | | | | | | | | | | | | Auto Search |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | Edit Device |
| | | | | | | | | | | | | | | | Banch Edit |
| | | | | | | | | | | | | | | | Danch Luit |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | o |
| | | | | | | | | | | | | | | | Search Serial |
| | | | | | | | | | | | | | | | Add Manually |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | P2P Device |
| | | | | | | | | | | | | | | Г | |
| | | | | | | | | | | | | | | L | IO Controller |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | Search List |
| | | | | | | | | | | | | | | | Baak |
| | | | | | | | | | | | | | | | Dack |
| | | | | | | | | | | | | | | | |

Fig.2 Device management

| Communication through | TCP / IP proto | col | Deater | al. L | | | - | | | | formation | d devi | ce with 9600 | hns | | |
|-------------------------|----------------|---------|---------------|-----------|----------|----------|--------------|------------|---------------|-------|---------------|--------|---------------|---------|------------|----|
| IP. 1132.100.1.200 | Poir 15 | 02 | Protoc | oi: [N | IODBUS I | -P • | Connect | and Sea | irch | 11 | 1:33:12]Foun | d devi | ce with 9600 | bps. | | |
| ommunication through | RS485/RS232 | | | | | | | | | | | | | | | |
| | Baud rate: | 1152 | 00 - P | arity | Mana | -1 | Open | and Sear | ch | | | | | | | |
| | Duot fato. | 1 | | arny. | liaone | - | | | | | | | | | | |
| serial parame | ters | | F 1 | | _ | | | . I | | | | | | | | |
| Firmware type: | | _ | Firmware | ver: | | _ | . PALO | 1117/ | | | | | | | | |
| Device addr: | 1 | - | Parity: | | None | <u> </u> | | | 2001 | | | | | | | |
| Baud rate: | 115200 | - | Al1 Auto-re | eport: | 10 | (0~6 | 5535ms | (O IS dis: | able) | | | | | | | |
| DI auto report type: | Disable | - | DO Powe | rOn: 0x | 0 | (eg | E0 means | last 3 or | n first 5 off | | | | | | | |
| DI auto report Time: | 0 | (5m | s) 32bit DI c | ountsa | ve: 0 | | (0 to clea | r count) | | | | | | | | |
| DI report addr: | 0 | _ | DO hold ti | me: | 0 | (8 | ec, 0 is dis | able) | | | | | | | | |
| DI logical inversion: | 0 | - | DO hold b | it sel: | | | | 1 - DO8) | | | | | | | | |
| Write DO no CMD retur | n: 🔽 | | DI hold it t | or 2 se | conds: | | | | | | | | | | | |
| Volted Output | | | Di debour | ice for s | oms: | 1 | | | | | | | | | | |
| Relay on: | RL1 On | 1 | RL2 On | 1 | RL3 On | 1 | RL4 On | 1 | RL5 On | | RL6 On | 1 | RL7 On | | RL8 C | 'n |
| Delev off | | | DI 0.08 | | DI 2 04 | | - | | P1 5 68 | | | | D1 7 08 | | - | |
| кетау оп: | RL1 Off | _ | RL2 Off | | RL3 Off | | RL4 Off | | RL5 Off | | RL6 Off | | RL7 Of | | RLBC | Щ |
| Current relay status: | F RL1 | 1 | RL2 | | RL3 | L. | RL4 | | RL5 | | RL6 | | RL7 | | F RL8 | |
| igital Input | | 0 | = DI2 | - | DI2 | - | DIA | | DIE | | | | | | | |
| Query DI F Auto | | | DIZ | - | DIS | | 014 | - | DIS | | 1 010 | | | _ | 1 018 | |
| DI Count(16bit): DI1 | 0 | DI2 | 0 | DI3 |) | DI4 0 | | DI5 0 | | DI6 | 0 | DI7 | 0 | DI8 | 0 | |
| DI Count(32bit): DI1 | 0 | DI2 | 0 | DI3 |) | D14 0 | | DI5 0 | | DI6 | 0 | DI7 | 0 | DI8 | 0 | |
| | | | | | | | | | | | | | | | | |
| I Input | | | | | | | | | | | | | | | | _ |
| pe: 6xxx - | 5V | - | 5V | • 5\ | / | ▼ 5V | | - 4-2 | 0mA | - 4- | 20mA | • 4 | -20mA | - 4-2 | 20mA | • |
| Query Al | 0 | AI2 | 0 | AI3 0 | | AI4 0 | | AI5 0 | | AI6 0 | A | 17 0 | | AI8 0 | | |
| | | | | | | | | | | | | | | | | |
| calibration (only suppo | rted by 6808); | Calibra | ation channel | 1 | - Plea | se conn | ect the star | ndard vol | tage 5 | (V | to the voltag | e inpu | t point and t | he stan | dard curre | nt |

Fig.3 IO controller

- 5. Click on "open and search".
- 6. For the DI and AI upload simultaneously click on "DI auto report type" and set DI+AI as show in fig 4.
- 7. A1 auto report as per you user requirement.





3.2 TCP/IP configuration :-

1. Click on "Device Management."

| vir Virtual S | erial & Devic | e Manageme | ent - VirCom | | | | _ | | \times |
|--------------------------|------------------------------|---------------------------|--------------|-------|-----------|-------------|---|--------|----------|
| Manage(M) | Config(C) | View(V) | Help(H) | | | | | | |
| Start | Stop | | Serial | About | | | | | |
| I. Status | Cor | n CON | / Name | Туре | Device IP | Discription | | Dev II | 2 |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| Information | 1 | | | | | | | | |
| [2025-03-0 [2025-03-0 |)1,11:53:43])1,11:53:42] | Create ok! Listen at p | ort 4196 OK. | | | | | | ^ |
| | | | | | | | | | |
| | | | | | | | | | - |

Fig.5 Vircom Main Interface

2. In device management interface Click on "Auto search". As you can see, the connected device is visible in the Device Manager, as shown in Figure 6.

4. Click "Edit Device" to set the parameters.





| Devi | e Mar | nagement | | | | | | | | | | | | | × |
|------|-------|----------|------|---|---------------|-----|-------------|------------|-----|-----------|------------|----------|---|---|---------------|
| I | Ту | Name | type | F | Dev IP | Loc | Dest IP | Work Mode | тср | Virtual S | Vircom St | Dev ID | Т | R | |
| 1 | Su | SL6042 | | | 192.168.1.200 | 502 | 192.168.1.3 | TCP Server | Not | Haven't | Not Linked | 4469A290 | 0 | 0 | Auto Search |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | Edit Device |
| | | | | | | | | | | | | | | | Banch Edit |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | Search Seria |
| | | | | | | | | | | | | | | | Add Manually |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | P2P Device |
| | | | | | | | | | | | | | | | IO Controller |
| | | | | | | | | | | | | | | | <u> </u> |
| | | | | | | | | | | | | | | | Search List |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | Back |
| | | | | | | | | | | | | | | | |

Fig. 6 Device List

5. IN network setting you have to change IP address, port and baud rate and then click "modify setting".

| Device Settings | | | | | × | | | | | |
|--|-----------------|----------------------|-----------------------------------|-----------------|-------|--|--|--|--|--|
| Device Info | Network | | Advanced Settings | | | | | | | |
| Virtual Serial Not Use | IP Mode | Static 🔹 | DNS Server IP | 8.8.4. | 4 | | | | | |
| Dev Type | IP Address | 192 . 168 1 . 200 | Dest. Mode | Dynamic | • | | | | | |
| Dev Name SL5143D | Port | 501 | Transfer Protocol | None | - | | | | | |
| Dev ID 28788B19AA78 [] | Work Mode | TCP Server | Keep Alive Time | 60 | (s) | | | | | |
| MAC Addr 04EEE819AA90 | Net Mask | 255 . 255 . 255 . 0 | Reconnet Time | 12 | (s) | | | | | |
| Firmware Ver V1.470 | Gateway | 192 . 168 . 1 . 1 | Http Port | 80 | | | | | | |
| | Dest. IP/Domain | 192.168.1.3 Local IP | UDP Group IP | 230 . 90 . 76 . | 1 | | | | | |
| -Function of the device | Dest. Port | 1883 UDP Dynamic | Register Pkt: | | ASCII | | | | | |
| 🗖 Web Download | - Serial | , | Restart If No Dat | a every 300 | Sec. | | | | | |
| DNS System | Baud Rate | 0030 | Enable Parameter Send every 5 Min | | | | | | | |
| Madhus TCP To RTU | Data Bita | | Mary Advanced Cattings | | | | | | | |
| ✓ Serial Commnad | Data Dits | ō 🔽 | Wore Advan | iced Settings | 1 | | | | | |
| DHCP Support | Parity | None | Framing Rule | | | | | | | |
| Storage Extend | Stop Bits | 1 | Max Frame Length 1300 (Bvte) | | | | | | | |
| Multi-TCP Connection | Flow Control | None | Max Interval(Smaller | r Is Better) 3 | (Ms) | | | | | |
| Get Default Save As Default Load Default Modify Key Firmware/Config Restart Dev Modify Setting | | | | | | | | | | |

Fig. 7 Device setting





3.2.1 Hardware Connection:-

The hardware connection of the SLE7500 device is very similar to that of the SLE7500, except that the connection between the PC and the device is established via a LAN cable, meaning it uses TCP/IP communication.

3.2.2 Control Panel Setting:-

Open the control panel \rightarrow Click Network and Internet \rightarrow Click Network and Sharing Center \rightarrow Click Change adapter settings \rightarrow Open IPv4 Properties, Rightclick on your active network connection (Ethernet/Wi-Fi) \rightarrow Click Properties.

To Connect to a Network (LAN or Internet)

Add the network credential, it need to be same as your device.

| Internet Protocol Version 4 (TCP/IPv4) Properties | | | | | | | | | | | | | |
|---|-----------|---|--------|--|--|--|--|--|--|--|--|--|--|
| General | | | | | | | | | | | | | |
| You can get IP settings assigned automatically if your network supports this capability. Otherwise, you need to ask your network administrator for the appropriate IP settings. | | | | | | | | | | | | | |
| Obtain an IP address automatically | | | | | | | | | | | | | |
| Use the following IP address: | | | | | | | | | | | | | |
| IP address: | | | | | | | | | | | | | |
| Subnet mask: | | | | | | | | | | | | | |
| Default gateway: | | | | | | | | | | | | | |
| Obtain DNS server address auton | natically | | | | | | | | | | | | |
| Use the following DNS server add | resses: | | | | | | | | | | | | |
| Preferred DNS server: | | | | | | | | | | | | | |
| Alternate DNS server: | | | | | | | | | | | | | |
| Validate settings upon exit Advanced | | | | | | | | | | | | | |
| | C 0 | ж | Cancel | | | | | | | | | | |

Fig.8 To Connect to a Network (LAN or Internet)

3.2.3 Modbus Communication Settings :-

1. In advance setting, set transfer protocol as Modbus_TCP protocol.



Advanced Settings DNS Server IP 8 8 4 4 Dest. Mode Dynamic -Transfer Protocol Modbus TCP Protocol -Keep Alive Time 60 (s) 12 Reconnet Time (s) 80 Http Port UDP Group IP 230 90 76 1 Register Pkt: 🗖 ASCII Restart If No Data 300 Sec. everv Enable Parameter Send every 5 Min. More Advanced Settings.

Fig.9 Enable Modbus TCP Function

2. In network setting, set work mode as TCP server and then click on "modify setting".

| tic 🗨 |
|-------------------|
| 2 . 168 . 1 . 200 |
| 2 |
| Server 💌 |
| 5 . 255 . 255 . 0 |
| 2.168.1.1 |
| Local IP |
| 3 🗖 UDP Dynamic |
| |

Fig.10 Modbus TCP as client.

3. Go back to device management interface click on "IO controller".



Copyright © 2025, SenseLive Technologies. Specifications and information given in this document are subject to change by SenseLive Technologies without prior notice.

SenseLive

SLE7500/E7000

| Communication through TCP / IP prot IP: 169.254.150.12 Port: | 502 Protocol | MODBUSR | Connec | and Search | Information [18:34:34]Clos | se ok! | | ^ |
|--|--|--|---|---|--|--|---|-----|
| ommunication through RS485/RS23 COM: COM8 Baud rate LAN6000 serial parameters Firmware type: Device addr: 1 Baud rate: 11520 DI auto report type: Disabl DI auto report Time: 0 Di second addr. | 2 : 115200 Parity: Parity: DO Al1 Auto-rep CSs) 32bit DI cou | ity: None er: None ort: 0 in: 0x 0 int save: 0 | Connec Open Mo (0~65535ms (eg. E0 mean: | and Search and Search dify (0 is disable) is last 3 on first 5 off ir count) | 118:34:30)Com 118:34:29)Clon 118:34:29)Clon 118:34:20)Com 118:34:20)Com 118:34:20)Com 118:33:22)Com 118:33:22)Com 118:33:22)Com 118:33:22)Com 118:32:22)Com 118:32:27)Com 118:32:57)Com 118:30:12]Com 118:30:12]Com 118:30:12]Com 118:30:12]Com 118:30:12]Com 118:30:12]Com 118:27:30)Clon 118:27:30)Com 118:27:30)Com 118:27:30)Com | se okt necting 169 254, se okt necting 169 254, necting 169 254, necting 169 254, necting 169 254, necting 169 254, necting 169 254, se okt necting 169 254, se okt necting 169 254, se okt necting 169 254, se okt necting 169 254, se okt | 150.12 ok 150.12 s02 150.12 s02 150.12 ok 150.12 ok 150.12 ok 150.12 ok 150.12 ok 150.12 ok 150.12 ok 150.12 s02 150.12 ok 150.12 s02 | ¢ |
| DI logical inversion: 0 | DO hold tim | le: 0 | (sec, 0 is di | sable) | | | | |
| Relay on: RL1 On | RL2 On | RL3 On | RL4 On | RL5 On | RL6 On | RL7 0 | n RL8 Or | 1 |
| Relay off: RL1 Off | RL2 Off | RL3 Off | RL4 Off | RL5 Off | RL6 Off | RL7 0 | ff RL8 Of | r I |
| Current relay status: RL1 | □ RL2 | T RL3 | T RL4 | □ RL5 | T RL6 | □ RL7 | | |
| Digital Input | | | | | □ DI6 | | | |
| DI Count(16bit): DI1 0 | DI2 0 | 0 | DI4 0 | DI5 0 | DI6 0 | DI7 0 | DI8 0 | - |
| DI Count(32bit): DI1 | DI2 0 | DI3 0 | DI4 0 | DI5 0 | DI6 0 | DI7 0 | DI8 0 | |
| Al Input | ▼ 5V | • 5V | ▼ 5V | ◀-20mA | 4-20mA | ◀-20mA | 4-20mA | - |
| | | | | | | | | |

Fig.11 IO controller

3.2.4 Modbus Address :-

| Register Address | No. of DI/DO/AI | Modbus Command | Description | R/W |
|------------------|-----------------|-------------------|-------------|------------|
| 00001 | 0 | 01 | No. 1 DI | Read Only |
| 00002 | 1 | 01 | No. 2 DI | Read Only |
| 00003 | 2 | 01 | No. 3 DI | Read Only |
| 00004 | 3 | 01 | No. 4 DI | Read Only |
| 00017 | 0 | 01/05 | No. 1 DO | Read/Write |
| 00018 | 1 | 01/05 | No. 2 DO | Read/Write |
| 00019 | 2 | 01/05 | No. 3 DO | Read/Write |
| 00020 | 3 | 01/05 | No. 4 DO | Read/Write |
| 30001 | 0 | 04 | No. 1 Al | Read Only |





SLE7500/E7000

| | | | | | _ |
|-------|---|----|----------|-----------|---|
| 30002 | 1 | 04 | No. 2 Al | Read Only | |

4. Testing Devices on Modbus poll :-

4.1 SLE7000:-

- There are 2 methods to communicate with E7000: virtual serial port and Modbus TCP. Note user must set APP protocol of E7000 to "Modbus TCP to RTU" for this method.
- 2. Open modbus poll software as FIG 12:

| File Connection Setup Functions Display View Window Help Image: Connection Setup Functions Image: Connection Setup Function Setup Functiffic Functing Function Setup Function Setup Function Set | Hodbus Poll - Topolli | |
|---|---|------------------------|
| Image: Construction 40001 = 0 40004 = 0 40005 = 0 40007 = 0 40007 = 0 40001 = 0 40001 = 0 40001 = 0 40001 = 0 40001 = 0 40001 = 0 40001 = 0 40001 = 0 40001 = 0 40001 = 0 40000 = 0 40000 = 0 40000 = 0 40000 = 0 40000 = 0 40000 = 0 40000 = 0 40000 = 0 40000 = 0 | File Connection Setup Functions Display Vie | w Window Help |
| The pollition Image: Connection 10001 = 0 10002 = 0 10003 = 0 10006 = 0 10006 = 0 10008 = 0 10009 = 0 10010 = 0 | 🗅 📽 🖬 🎒 🗙 🛅 🗒 🏥 🔎 🕫 16 1 | 5 16 22 23 101 🍞 🖡 |
| Tx = 0: Err = 0: ID = 1: F = 03: SR = 1000ms No Connection $40001 = 0$ $40002 = 0$ $40003 = 0$ $40004 = 0$ $40005 = 0$ $40006 = 0$ $40007 = 0$ $40008 = 0$ $40009 = 0$ $40010 = 0$ | 📅 Mbpolli | |
| No Connection 40001 = 0 40002 = 0 40003 = 0 40004 = 0 40006 = 0 40007 = 0 40008 = 0 40009 = 0 40010 = 0 | Tx = 0: Err = 0: ID = 1: F = 03: SR | = 1000ms |
| $\begin{array}{rcrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrr$ | No Connection | |
| 40002 = 0 40003 = 0 40004 = 0 40005 = 0 40006 = 0 40007 = 0 40008 = 0 40009 = 0 40010 = 0 | 40001 = 0 | |
| 40003 = 0 40004 = 0 40005 = 0 40006 = 0 40007 = 0 40008 = 0 40009 = 0 40010 = 0 | 40002 = 0 | |
| $\begin{array}{rcl} 40004 &= & 0 \\ 40005 &= & 0 \\ 40006 &= & 0 \\ 40007 &= & 0 \\ 40008 &= & 0 \\ 40009 &= & 0 \\ 40010 &= & 0 \\ \end{array}$ | 40003 = 0 | |
| $\begin{array}{rcl} 40005 = & 0 \\ 40006 = & 0 \\ 40007 = & 0 \\ 40008 = & 0 \\ 40009 = & 0 \\ 40010 = & 0 \\ \end{array}$ | 40004 = 0 | |
| 40006 = 0 40007 = 0 40008 = 0 40009 = 0 40010 = 0 | 40005 = 0 | |
| 40007 = 0 40008 = 0 40009 = 0 40010 = 0 | 40006 = 0 | |
| 40008 = 0 40009 = 0 40010 = 0 | 40007 = 0 | |
| 40009 = 0 40010 = 0 | 40008 = 0 | |
| 40010 = 0 | 40009 = 0 | |
| | 40010 = 0 | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| or Help, press F1. For Edit, double click on a value. Port 6: 57600 📈 | For Help, press F1. For Edit, double click on a | value. Port 6: 57600 / |

Figure 12.

 Then press SETUP, and config a new polling name POLL1 to read DI as Figure 13:

| Slave | 1 | OK |
|---------------------|---------------|-----------|
| Function: | 01 Read Coils | Cancel |
| Address: Length: | 4 | Apply |
| Scan Rate: | 500 ms | |
| F rahla | Polling | Poll Once |

Figure 13.



4. Then config a new POLL2 to read DO as Figure 14:

| Poll Def | inition | × |
|---------------------|---------------|-----------|
| Slave | 1 | ОК |
| Function: | 01 Read Coils | Cancel |
| Address: Length: | 4 | Apply |
| Scan Rate: | 500 ms | |
| 🔽 Enable | Polling | Poll Once |



5. Then config a new POLL3 to read AI as Figuere 15:

| Slave 1 | | OK |
|--------------------------|----------------------|-----------|
| Function: 04 H | Read Input Registers | cancel |
| Address:]1 Length: 2 | | Apply |
| Scan Rate: 500 | ms | |
| 🔽 Enable Poll | ing | Poll Once |



6. After all that config, then see following as Figure 18:





Figure 16.

 Following we show how to use virtual serial port method, Config connection as Figure 17. Then press OK to open the COM6 to communicate with E7000.

| Connection | ······ | . 🗙 |
|-------------------------------|-----------------------|----------|
| Port 6 💌 | Mode • RTU C ASCII | OK |
| 115200 Baud 💌 | -Response Timeout | Cancel |
| 8 Data bits 💌 | 1000 [ms] | |
| None Parity 💌 | Delay Between Polls | |
| 1 Stop Bit 💌 | 5 [ms] | Advanced |
| -Remote Server- IP Address | Port | |
| 192. 168. 1. 150 | 502 | |
| | | |

Figure 17 14



 Following we show the Modbus TCP method. Config connection as Figure 18. Press OK to start TCP connection with E7000.

| CP/IP 💌 | Mode | SCII OK |
|---------------|-----------------|-----------|
| 7600 Baud 💌 | Persona Tinon | Cance |
| Data bits 💌 | 1000 [ms] | |
| one Parity 🔫 | Delay Between P | Polls |
| Stop Bit 💌 | 5 [ms] | Advanced |
| Remote Server | | 12(0))2 |
| .P Address | Port | <u>6 </u> |



4.2 Test SLE7500 :-

The only difference is when in E7500 the serial port is real serial port, and in E7500 the serial port is virtual serial port. You may need a RS485 to USB convertor to connect between you PC real serial port and E7500 RS485 port.

