

### **Caimore Quick to Guide DTU Operation**

### 1. Unpacking

1. Please check complement of DTU and accessories





2. The connection cable with DTU and PC (RS232 or RS485)



3. Insert into SIM card and install antenna

#### 2. Local serial port configuration

2.1Please find and double click the configuration tool " ConfigTool.exe".Tel:+86 592 59012151web:www.caimore.com/emain.asp



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2.2 Please select relevance serial No. which is connected to PC, and click "Open" to open it. All the default attributes will be showed on the page. Such as baud rate, serial No. Digital bit, stop bit, and parity bit.

Note:

1. The default COM1 & COM2 refer to the port connect from RS232 serial prot to PC; If USD forwarder to RS232 be used, the relative COM number can be checked like this: right click "My Computer"----> "device management"----> "interface (COM & LPT)".

2. Please not to change the following default attributes, otherwise, DTU maybe will not work in normal way..

Baud: 115200 Parity: None Data Bit:8 Stop Bit:1

| Configure   |   |   | Log Data   |
|---|---|---|--|
| Configure<br>Select All V F<br>Basic Conf Cer<br>Name<br>Main Server IP<br>Sub Server IP:<br>Sub Server Por<br>Baudrate:<br>Parity Bit:<br>Data Bit:<br>Stop Bit:<br>Device ID:<br>Mobile Number: | Ill     Speed     Type:     RMU       ter     Server     Conf     Adv       119.97.194.18 | Model: RMU-V6<br>ance Conf Net Conf Activate ↓<br>Description<br>Valid when main server IP No. equa<br>Valid when main server IP No. equa<br>The same as terminal device.<br>The same as terminal device.<br>The same as terminal device.<br>The same as terminal device.<br>Fixed 8 hex, user-defined to recom.<br>Mobile number, user-defined to recom. | Log Data<br>***********************************  |
| Operating<br>Open<br>Port: CO<br>BaudRate: ii<br>DataBits: 6<br>Parity: No<br>StopBits: 1<br>FlowCTRL: No   | Close<br>General<br>Work S<br>Con<br>Com<br>Com<br>Com<br>Com<br>Com<br>Com<br>Com<br>Com | Expand<br>tate<br>figuration Reset Into<br>Communication<br>ter Operating<br>ave Load Factory<br>sion Command Check   | Data Clear     Count Clear       Receive as HEX     Receive add LF       Send as HEX     Send add CR       Send     LoopSend (ms)       fe |

2.3 Please pay attention to the details displayed on "Log" page. Once there is a info with " Configuration can be modified now! ", you can configure the DTU's Tel:+86 592 5901215 2 web:www.caimore.com/emain.asp



parameters.

| -Configure<br>Select All 🗹 Full | L Speed Type: RMU | Model: RMU-V6                          | Log Data  |
|---------------------------------|-------------------|--|---|
| Basic Conf Center               | Server Conf Adv   | ance Conf Net Conf Activate            | - >>>Upen serial port success!  |
| Name                            | Value             | Description                            | >>>>Into Configuration: Success!<br>>>>AT Test                                    |
| Main Server IP:                 | 59. 57. 220. 135  | Valid when main server IP No. equa     | AT Test: Success!<br>>>>Get Version   |
| Main Server Port:               | 10000             | Valid when main server IP No. equa     | Get Version: Success!<br>>>>Close Echo  |
| Sub Server IP:                  | 59. 57. 220. 135  | Valid when main server IP No. equa     | Close Echo: Success!<br>>>>Close Flash Write Protect<br>Close Flash White Protect |
| Sub Server Port:                | 10001             | Valid when main server IP No. equa     | Diose riasn mrite rrotect. Success:<br>Dierate Mode<br>Onerste Mode: Multinlel    |
| 🔲 Baudrate:                     | 115200            | The same as terminal device.           | >>>Load Parameter Please Wait   |
| Parity Bit:                     | NONE              | The same as terminal device.           | Configuration can be modified now!  |
| 🔲 Data Bit:                     | 8                 | The same as terminal device.           |   |
| Stop Bit:                       | 1                 | The same as terminal device.           |   |
| Device ID:                      | 15004890          | Fixed 8 hex, user-defined to recogn…   |   |
| Mobile Number:                  | 18205915040       | Mobile number, user-defined to recover |   |
|                                 |                   |  |   |
|                                 |                   |  |   |
|                                 |                   |  |   |
|                                 |                   |  |   |

2.4 The correlate parameters of main server & server port can be set if needed.

2.5 Please click "save" after modifying the parameters, and then "Save Parameter: Success!" will be displayed on the "Log" page.



| Select All       Value       Model: RMU-VB         Basic Conf       Center Server Conf       Advance Conf       Net Conf       Activate       >>>>Please power on the device!         Name       Value       Description       >>>Test: Success!         Main Server IP:       110.80.17.74       Valid when main server IP No. equa***       >>>Close Echo:         Main Server Port:       26000       Valid when main server IP No. equa***       Set Version: Success!         Sub Server IP:       59.57.220.135       Valid when main server IP No. equa***       >>>Close Echo:         Sub Server Port:       10001       Valid when main server IP No. equa***       >>>Close Flash Write Protect: Success!         Sub Server Port:       10001       Valid when main server IP No. equa***       >>>Close Flash Write Protect: Success!         Deparate Mode:       115200       The same as terminal device.       >>>Load Parameter; Please Wait         Load Parameter:       Success!       >>>Load Parameter; Success!       >>>Load Parameter; Success!  | -Configure  |  |  | Log Data  |  |  |  |
|--|---|--|--|---|--|--|--|
| ✓ Main Server Port:       26000       Valid when main server IP No. equa***       Get Version: Success!         Sub Server IF:       59.57.220.135       Valid when main server IP No. equa***       Close Echo         Sub Server Port:       10001       Valid when main server IP No. equa***       Sequa***         Baudrate:       115200       The same as terminal device.       Operate Mode         Parameter:       NUME       The same as terminal device.       Sub argumenter: Success!   | Select All V Full<br>Basic Conf Center<br>Name<br>V Main Server IP: | Speed Type: RMU<br>Server Conf Adva<br>Value<br>110.80.17.74 | Model: KMU-V6  Conf Net Conf Activate (  Description  Valid when main server IP No. equa | <pre>&gt;&gt;&gt;Open serial port success! &gt;&gt;&gt;Please power on the device! &gt;&gt;&gt;Into Configuration: Success! &gt;&gt;&gt;AT Test AT Test: Success! &gt;&gt;&gt;&gt;Get Version</pre> |  |  |  |
| Sub Server IP:       59.57.220.135       Valid when main server IP No. equa***       Close Echo: Success!         Sub Server Port:       10001       Valid when main server IP No. equa***       Close Flash Write Protect: Success!         Baudrate:       115200       The same as terminal device.       Operate Mode: Multiple!         Punity Pit       NUME       The same as terminal device.       Configuration can be modified now!   | ✓ Main Server Port:   | 26000  | Valid when main server IP No. equa   | Get Version: Success!<br>>>>Close Echo<br>Close Echo: Success!<br>>>>Close Flash Write Protect  |  |  |  |
| Sub Server Port:       10001       Valid when main server IP No. equa***       Uloss Flash Write Protect: Success!         Baudrate:       115200       The same as terminal device.       Operate Mode: Multiple!         Built Rit:       NOWE       The same as terminal device.       Use an be modified now!  | Sub Server IP:  | 59. 57. 220. 135   | Valid when main server IP No. equa   |   |  |  |  |
| Baudrate:     115200     The same as terminal device.     >>>Load Parameter, Please Wait       Device Pitt     NUME     The same as terminal device.     >>>Load Parameter: Success!   | Sub Server Port:  | 10001  | Valid when main server IP No. equa   | Ulose Flash Write Frotect: Success!<br>>>>Get Operate Mode  |  |  |  |
| Puniter Rite would The one of the side of the model of th | Baudrate:   | 115200   | The same as terminal device.   | >>>Load Parameter, Please Wait  |  |  |  |
| Tarity Dit. NOAL The same as terminal device.  | Parity Bit:   | NONE   | The same as terminal device.   | Configuration can be modified now!  |  |  |  |
| Data Bit: 8 The same as terminal device.   | 🛄 Data Bit:   | 8  | The same as terminal device.   |   |  |  |  |
| Stop Bit: 1 The same as terminal device.   | Stop Bit:   | 1  | The same as terminal device.   |   |  |  |  |
| Device ID: 15004890 Fixed 8 hex, user-defined to recogn…   | Device ID:  | 15004890   | Fixed 8 hex, user-defined to recogn…   |   |  |  |  |
| Mobile Number: 18205915040 Mobile number, user-defined to recover  | Mobile Number:  | 18205915040  | Mobile number, user-defined to reco…   |   |  |  |  |
|  | One of the  |  |  |   |  |  |  |
|  | operating   |  |  |   |  |  |  |
| Open       Close         Fort:       COM1         BaudRate:       I15200         DataBits:       Send add LF   | Open Cla<br>Port: COM1<br>BaudRate: 115200<br>DataBits: 8           | ose General<br>Work St<br>Conf:<br>Comm                      | Expand<br>ate<br>iguration Reset Into<br>unication                                       | Data Clear Count Clear<br>Receive as HEX Receive add LF<br>Send as HEX<br>Send add CR Send add LF   |  |  |  |
| Parity: None V Farameter Uper ting Save Load Factory   | Parity: None  | -Faramet<br>Sat  | re Load Factory  |   |  |  |  |
| StopBits:     Image: Command Check       FlowCTRL:     Wone  | StopBits: 1<br>FlowCTRL: None                                       | Vers   | ion Command Check  |   |  |  |  |



| Configure  |  |   | Log Data   |
|--|--|---|--|
| Configure<br>Select All V Full<br>Basic Conf Center<br>Main Server IP:<br>Sub Server Port:<br>Sub Server Port:<br>Baudrate:<br>Parity Bit:<br>Data Bit:<br>Stop Bit:<br>Device ID:<br>Mobile Number: | Speed         Type:         RMU           Server         Conf         Adva           Value         110, 80, 17, 74         26000           59, 57, 220, 135         50           10001         115200           NONE         6           1         15004890           18205915040         50 | Model: RMU-V6<br>Ince Conf Net Conf Activate ( Description Valid when main server IP No. equa The same as terminal device. The same as terminal device. The same as terminal device. Fixed 8 hex, user-defined to recogn Mobile number, user-defined to reco | Log Data<br>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>  |
| Open Cl<br>Port: COMM<br>BaudRate: 11520<br>DataBits: 8<br>Parity: None<br>StopBits: 1<br>FlowCTRL: None   | ose<br>General<br>Work St<br>Conf<br>Conf<br>Conf<br>Paramet<br>Sa<br>Vers   | Expand<br>ate<br>iguration Reset Into<br>unication Communication<br>er Operating<br>ve Load Factory<br>tion Command Check   | Data Clear       Count Clear         Receive as HEX       Receive add LF         Send add CR       Send add LF         Send       LoopSend (ms)         fe |

2.6 Please try to read the parameters be set before to check if that is all right. If yes, "Load Parameter: Success!" will be displayed on the "Log" page.



Configure Log Data 🗌 Select All 🗹 Full Speed Type: RMU 🗘 Model: RMU-V6 ->>>Open serial port success! >>>Please power on the device!
>>>Into Configuration: Success!
>>>AT Test... Basic Conf Center Server Conf Advance Conf Net Conf Activate ( Name Value Description AT Test: Success! Main Server IP: 110.80.17.74 Valid when main server IP No. equa... >>>Get Version. Get Version: Success! Main Server Port: 26000 Valid when main server IP No. equa... >>>Close Echo. Close Echo: Success! Sub Server IP: 59.57.220.135 Valid when main server IP No. equa... >>>Close Flash Write Protect... Close Flash Write Protect: Success! Sub Server Port: 10001 Valid when main server IP No. equa... >>>Get Operate Mode... Operate Mode: Multiple! >>>Load Parameter, Please Wait.. Load Parameter: Success! Baudrate: 115200 The same as terminal device. Configuration can be modified now! Parity Bit: NONE The same as terminal device >>>Save Parameter, Please Wait. . Save Parameter: Success! 🗌 Data Bit: The same as terminal device. 8 >>>Load Parameter, Please Wait. Load Parameter: Success! Stop Bit: 1 The same as terminal device. Device ID: 15004890 Fixed 8 hex, user-defined to recogn… Mobile Number: 18205915040 Mobile number, user-defined to reco… Operating General Expand Open Close Data Clear Count Clear Work State Receive as HEX Receive add LF Port 4 🖲 Configuration Reset Into ✔ Send as HEX BaudRate: ¥ ommunication 🔵 Communication Send add CR Send add LF DataBits Y Send LoopSend(ms) 1000 Parameter Operating Parity: ¥ Save Load Factory fe StopBits: ¥ Command Check Version FlowCTRL: ¥

#### 3. Make the device into communication , then check if it can send and receive

#### SMS

3.1 How to put the device into communication

3.1.1 Modify parameters and save it . When the work status switch to "communication". Then On the log page it can shows (Resetting...Please wait till the device is online); Click close and select the corresponding serial port like Baud rate, data bit, parity, stop bits, flow control if the serial port value is different with the local ones. Open it after modify.



| Configure  |  |   | Log Data  |
|--|--|---|---|
| Select All ♥ Ful<br>Basic Conf Cente<br>Name<br>Main Server IP:<br>Main Server Port:<br>Sub Server Port:<br>Baudrate:<br>Parity Bit:<br>Data Bit:<br>Stop Bit:<br>Device ID:<br>Mobile Number: | Speed         Type:         RHU           Server         Conf         Adv           Value         110.80.17.74         2           59.57.220.135         10001         3           9600         0001         3           NONE         3         3           15004890         1         3           18205915040         3         3 | Model: EMU-VS ance Conf Net Conf Activate ↓ Description Valid when main server IP No. equa The same as terminal device. Fixed 8 hex, user-defined to recogn Mobile number, user-defined to recommendation | Log Data           >>>>>>>>>>>>>>>>>>>>>>>>>>>>   |
| Open     CD       Port:     COMI       BaudRate:     11500       DataBits:     8       Parity:     Hone       StopBits:     1       FlowCTRL:     Hone   | ose<br>Ver   | Expand<br>tate<br>figuration<br>nunication<br>ter Operating<br>ave Load Factory<br>sion Command Check   | Data Clear       Count Clear         Receive as HEX       Receive add LF         Send add CR       Send add LF         Send       LoopSend (ms) 1000         fe       F |



| - Configure  |   |   | Log Data   |  |  |  |  |
|--|---|---|--|--|--|--|--|
| Select All 🗹 Full Speed  | Type: RMU   | Model: RMU-V6   | >>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>   |  |  |  |  |
| Basic Conf Center Serve  | r Conf 📄 Advar  | nce Conf 🔋 Net Conf 🔋 Activate ( 🚺 🕨  | >>>Please power on the device!   |  |  |  |  |
| Name   | Value Description   |   | >>>AT Test   |  |  |  |  |
| Main Server IP: 110.8  | 0. 17. 74   | Valid when main server IP No. equa  | AT Test: Success!<br>>>>Get Version  |  |  |  |  |
| Main Server Port: 26000  |   | Valid when main server IP No. equa  | Get Version: Success!<br>>>>Close Echo   |  |  |  |  |
| Sub Server IP: 59.57   | . 220. 135  | Valid when main server IP No. equa  | >>>Close Each . Success:<br>>>>Close Flash Write Protect   |  |  |  |  |
| Sub Server Port: 10001   |   | Valid when main server IP No. equa  | >>>Get Operate Mode<br>Operate Mode: Multiple  |  |  |  |  |
| Baudrate: 9600   |   | The same as terminal device.  | >>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>   |  |  |  |  |
| Parity Lit: NONE   |   | The same as terminal device.  | Configuration can be modified now!<br>>>>Save Parameter, Please Wait   |  |  |  |  |
| 🗌 Data Bit: 8  | 8 The same as terminal device.                                    |   | Save Parameter: Success!<br>>>>Load Parameter, Please Wait   |  |  |  |  |
| Stop Bit: 1  | The same as terminal device.                                      |   | Load Parameter: Success!<br>>>>Save Parameter, Flease Wait   |  |  |  |  |
| Device ID: 15004   | rice ID: 15004890 Fixed 8 hex, user-defined to recogn             |   | Save Farameter: Success!<br>>>>ResettingPlease wait till the device is online!   |  |  |  |  |
| Mobile Number: 18205   | 915040  | Mobile number, user-defined to reco…  |  |  |  |  |  |
|  |   |   |  |  |  |  |  |
| Operating  |   |   |  |  |  |  |  |
| Open     Close       Port:     COM1       BaudRat     :       115200     >       DataBit     :       StopBit     : | General<br>Work Sta<br>Confi<br>Confi<br>Commu<br>Paramete<br>Sav | Expand<br>ate<br>guration Reset Into<br>Communication<br>ar Operating<br>re Load Factory<br>ion Command Check | Data Clear Count Clear<br>Receive as HEX Receive add LF<br>Send as HEX<br>Send add CR Send add LF<br>Send LoopSend (ms) 1000<br>fe |  |  |  |  |
| FlowCTRL: None   |   |   |  |  |  |  |  |



| Batect All (* Fail Speed Type: [MU + ] #odd: [* 2009-105       >>>>>>>>>>>>>>>>>>>>>>>>>>>>>>  | Configure   |  |   | Log Data   |
|--|---|--|---|--|
| Basic Conf       Center Server Conf       Advance Conf       Activate ()         Name       Value       Description         Main Server IP:       110.80.17.74       Valid when main server IP No. equand         Main Server Fort:       26000       Valid when main server IP No. equand         Sub Server Fort:       10001       Valid when main server IP No. equand         Sub Server Fort:       10001       Valid when main server IP No. equand         Bandrate:       9600       The same as terninal device.         Deta Bit:       8       The same as terninal device.         Stop Bit:       1       The same as terninal device.         Deta Bit:       8       The same as terninal device.         Device ID:       15004830       Fixed 8 hex, user-defined to recomm         Mebile Number:       18205915040       Mobile number, user-defined to recomm         Budfaste:       900       Fixed 8 hex, user-defined to recomm         Budfaste:       900       Fixed 8 hex, user-defined to recomm         Device ID:       15004830       Fixed 8 hex, user-defined to recomm         Mushate:       900       Fixed 8 hex, user-defined to recomm         Budfaste:       900 w       Configuration         Reset Taton       8 cont set III <tr< th=""><th>Select All 🗹 Full</th><th>l Speed Type: RMU</th><th>Model: RMU-V6</th><th>&gt;&gt;&gt;Open serial port success!</th></tr<>   | Select All 🗹 Full   | l Speed Type: RMU  | Model: RMU-V6   | >>>Open serial port success!   |
| Name       Value       Description         Main Server IP:       100.80.17.74       Valid when main server IP No. equare         Main Server Port:       2000       Valid when main server IP No. equare         Sub Server IP:       59.57.220.135       Valid when main server IP No. equare         Sub Server Port:       10001       Valid when main server IP No. equare         Sub Server Port:       10001       Valid when main server IP No. equare         Baudrate:       9500       The same as terminal device.         Parity Bit:       800       The same as terminal device.         Data Bit:       8       The same as terminal device.         Stop Bit:       1       The same as terminal device.         Device ID:       15004690       Fixed 8 hex, user=defined to record         Mobile Number:       16205915040       Mobile number, user=defined to record         Work State       Pert:       Stend as HEX         DataBit:       State       Configuration         Robile:       Now       Reset Into         Device ID:       15004690       Fixed 5 hex, user=defined to record         Work State       Configuration       Reset Into         Device State       Configuration       Reset Into         StopBits: <td< th=""><th>Basic Conf Center</th><th>r Server Conf Adv</th><th>ance Conf 🛛 Net Conf 🔹 Activate ( 🔹 🕨</th><th>&gt;&gt;&gt;Please power on the device!</th></td<>   | Basic Conf Center   | r Server Conf Adv  | ance Conf 🛛 Net Conf 🔹 Activate ( 🔹 🕨   | >>>Please power on the device!   |
| Main Server IF:       10.80.17.74       Valid when main server IP No. equare         Main Server Port:       28000       Valid when main server IF No. equare         Sub Server Port:       10001       Valid when main server IF No. equare         Sub Server Port:       10001       Valid when main server IF No. equare         Baudrate:       9600       The same as terninal device.         Parity Bit:       NUME       The same as terninal device.         Data Bit:       6       The same as terninal device.         Stop Bit:       1       The same as terninal device.         Data Bit:       6       The same as terninal device.         Data Bit:       1       The same as terninal device.         Device ID:       15004090       Fixed 8 her, user-defined to recorret         Weaking       Weaking       Weaking The Port same records         Operating       General Expand       Verk State         Port:       000 vik State       Reset Into         DataBits:       Verk State       Configuration         Baudate:       000 vik State       Same Into concersi         Parameter:       Conserver Into conserver       Verk State         Conserver       Send and CR       Send and LoopSend(ns)         Parameter: <t< th=""><th>Name</th><th>Value</th><th>Description</th><th>&gt;&gt;&gt;Into Configuration: Success!<br/>&gt;&gt;&gt;AT Test</th></t<>  | Name  | Value  | Description   | >>>Into Configuration: Success!<br>>>>AT Test  |
| Wain Server Part:       100:00:11:14       Valid when main server IP No. equare         Main Server Part:       28000       Valid when main server IP No. equare         Sub Server Part:       10001       Valid when main server IP No. equare         Sub Server Part:       10001       Valid when main server IP No. equare         Sub Server Part:       10001       Valid when main server IP No. equare         Baudrate:       9600       The same as terminal device.         Parity Bit:       NDME       The same as terminal device.         Data Bit:       8       The same as terminal device.         Stop Bit:       1       The same as terminal device.         Data Bit:       8       The same as terminal device.         Now Parameter; Places Wit       Load Parameter; Places Wit         Load Parameter; Places Wit       Load Parameter; Places Wit         Data Bit:       1       The same as terminal device.         Stop Bit:       1       The same as terminal device.         Muin Number:       15004690       Pixed 8 hes, user-defined to recogn:         Mubile Number:       18205915040       Mobile number, user-defined to recogn:         Mukate:       Configuration       Reset Tato         Parameter:       Configuration       Reset Tato     <   |   | 110 00 17 74   | Vilia be aris summer TP We server   | AT Test: Success!  |
| Nain Server Port:       28000       Valid when main server IP No. equer         Sub Server Port:       59.57.220.135       Valid when main server IP No. equer         Sub Server Port:       10001       Valid when main server IP No. equer         Baudrate:       9600       The same as terminal device.         Parity Bit:       NDEF       The same as terminal device.         Data Bit:       8       The same as terminal device.         Data Bit:       8       The same as terminal device.         Data Bit:       1       The same as terminal device.         Davice ID:       15004680       Fixed 8 hox, user-defined to recognome         Mobile Number:       18205915040       Mobile number, user-defined to recognome         Nobel Mumber:       18205915040       Mobile number, user-defined to recognome         Operating       Constitute To constit to constit to constitute To constitute To constitute To   | ann Server II.  | 110.00.11.14   | variu when main server ii no. equa  | >>>Get Version   |
| Sub Server IP:       59.57.220.135       Valid when main server IP No. equartion       Close Flash Write Protect: Success!         Sub Server Port:       10001       Valid when main server IP No. equartion       Sub Server Port:       Sub Server Port:       10001         Baudrate:       9600       The same as terminal device.       Sub Server IP:       No. equartion         Parity Bit:       NDME       The same as terminal device.       Sub Server Fless Wait         Data Bit:       8       The same as terminal device.       Sub Server Fless Wait         Stop Bit:       1       The same as terminal device.       Sub Server Fless Wait         Device ID:       15004990       Fixed 8 hex, user-defined to recomment.       Superstill Super | Main Server Port:   | 26000  | Valid when main server IP No. equa  | Set Version: Success!  |
| Sub Server IP:       59.57.220.135       Valid when main server IP No. equar.         Sub Server Port:       10001       Valid when main server IP No. equar.         Baudrate:       9600       The same as terminal device.         Parity Bit:       NORE       The same as terminal device.         Data Bit:       8       The same as terminal device.         Stop Bit:       1       The same as terminal device.         Device ID:       15004090       Fixed 8 hex, user-defined to recomm.         Mobile Number:       18205915040       Mobile number, user-defined to recomm.         Mobile Number:       18205915040       Mobile number, user-defined to recomm.         Parating:       Configuration       Reset Into         Parating:       Configuration       Reset Into         Operating       General Expand       Send at HEX         Send at HEX       Send ad LF       Send ad LF         Parity:       General Expand       Send ad LF         Parity:       Fore       Load Factory         Paratic:       Serve       Load Factory         Premeter Operating       Send ad LF         Serve       Load Factory       Fectory         Version       Communication       Factory         Paratity: </th <th></th> <th></th> <th></th> <th>Close Echo: Success!</th>  |   |  |   | Close Echo: Success!   |
| Sub Server Port:       10001       Valid when main server IP No. equation         Baudrate:       9600       The same as terminal device.         Data Bit:       8       The same as terminal device.         Data Bit:       8       The same as terminal device.         Stop Bit:       1       The same as terminal device.         Device ID:       150046900       Fixed 8 hex, user defined to recogn         Nobile Number:       18205915040       Nobile number, user defined to recogn         Nobile Number:       18205915040       Nobile number, user defined to recogn         Operating       General Expand       Place Close         Port:       0000       Fixed 3 hex, user defined to recogn         Nobile Number:       18205915040       Nobile number, user defined to recogn         Operating       General Expand       Place Close serial port success!         Nork State       Configuration       Rest Into         Operating       General Expand       Parameter Derating         Parity:       Sawe       Load Fractory         Parity:       Sawe       Load       Factory         Parity:       Sawe       Load       Factory         Parameter Operating       Sawe       Load       Sawd <t< th=""><th>Sub Server IP:</th><th>59.57.220.135</th><th>Valid when main server IP No. equa</th><th>&gt;&gt;&gt;Close Flash Write Protect</th></t<>  | Sub Server IP:  | 59.57.220.135  | Valid when main server IP No. equa  | >>>Close Flash Write Protect   |
| Paudrate:       9600       The same as terminal device.         Parity Bit:       NONE       The same as terminal device.         Data Bit:       8       The same as terminal device.         Stop Bit:       1       The same as terminal device.         Device ID:       15004890       Fixed 8 hex_user defined to recogn.         Nobile Number:       18205915040       Nobile number, user defined to recogn.         Nobile Number:       18205915040       Nobile number, user defined to recogn.         Operating       Operating       Configuration         Port:       Out       Consend         Port:       Configuration       Reset Into         DataBit:       Operating       Configuration         Parameter:       Save Load       Factory         Parity:       Save       Load         Parameter:       Send add IF         StopBits:       Save       Load         Parameter:       Save add       Factory         Parity:       Save       Load         Parameter:       Save add       If         StopBits:       Version       Command       Check   | Sub Server Port   | 10001  | Valid when main server TP No equation   | Close Flash Write Protect: Success!  |
| Baudrate:       9600       The same as terminal device.         Parity Bit:       NONE       The same as terminal device.         Data Bit:       8       The same as terminal device.         Stop Bit:       1       The same as terminal device.         Device ID:       15004890       Fixed 8 hex_uxer-defined to recommon.         Mobile Humber:       18205915040       Mobile number, user-defined to recommon.         Operating       Flore and LP       State         Port:       Comeral Expand       Perset Into         Comparation       Reset Into       Receive as HEX         Parameter:       State       Perset Into         Parameter:       Communication       Perset Into         Parameter:       Stop Bit::       Perset Into         Parameter:       Stop Bit::       Perset Into         Parameter:       Communication       Perset Into         Perset:       Save       Load       Factory         Factory       Version       Command       Pact  |   |  |   | Operate Mode: Multiple!  |
| Parity Bit:       NNR       The same as terminal device.         Data Bit:       8       The same as terminal device.         Stop Bit:       1       The same as terminal device.         Device ID:       15004890       Fixed 8 hex, user-defined to recogn         Mobile Number:       18205915040       Mobile number, user-defined to recogn         Operating       Operating         Operating       General Expand         Vork State       Communication         Parameter Operating       Send I Factory         Factor:       Save Load Factory         FlowCTRL:       Factory         Version       Command Check   | Baudrate:   | 9600   | The same as terminal device.  | >>>Load Parameter, Please Wait   |
| Parity Nt.       NOR       Ine same as terminal device.         Data Bit:       8       The same as terminal device.         Stop Bit:       1       The same as terminal device.         Device ID:       15004090       Fixed 8 hex, user-defined to recogn         Mobile Number:       18205915040       Mobile number, user-defined to recogn         Whole Number:       18205915040       Mobile number, user-defined to recogn         Operating       General Expand       North State         Port:       Online       Configuration         Reset Into       Communication       Reset Into         Parameter Operating       Sawe Load Factory       Send add LF         Parity:       Sawe Load Factory       Version       Command Check   | Denites Dite  | NOME   | T1  | Load Farameter: Success!<br>Configuration can be modified now!   |
| Data Bit:       8       The same as terminal device.         Stop Bit:       1       The same as terminal device.         Device ID:       15004890       Fixed 8 hex, user-defined to recognum.         Mobile Number:       18205915040       Mobile number, user-defined to recognum.         Mobile Number:       18205915040       Mobile number, user-defined to recognum.         Operating       General Expand       Save Parameter: Counces!         Operating       General Expand       Bata Clear         Port:       Configuration       Reset Into         Configuration       Reset Into         Parity:       Save       Load         Parity:       Save       Load         Parity:       Save       Load         PlowCTRE:       Fors       Version  | farity bit.   | NONE   | ine same as terminal device.  | >>>Save Parameter, Please Wait   |
| Stop Bit:       1       The same as terminal device.         Device ID:       15004690       Fixed 8 hex, user-defined to recogn         Mobile Number:       18205915040       Mobile number, user-defined to record         Mobile Number:       18205915040       Mobile number, user-defined to record         Operating       Foresting       Stop Bit:       Stop Bit:         Operating       General Expand       Stop Configuration         Reset Into       Configuration       Reset Into         BandRate:       Stop Configuration       Reset Into         Parameter Operating       Send add CR       Send add LF         PlowCTRL:       Work       Command       Check  | 🗌 Data Bit:   | 8  | The same as terminal device.  | Save Parameter: Success!   |
| Stop Bit:       1       The same as terminal device.         Device ID:       15004890       Fixed 8 hex, user-defined to recogn         Mobile Number:       18205915040       Mobile number, user-defined to recogn         Mobile Number:       18205915040       Mobile number, user-defined to recogn         Operating       General Expand       >>>>>>>>>>>>>>>>>>>>>>>>>>>>>>   |   | 14   |   | ///Load Farameter, Flease Wait   |
| Bevice ID:       15004890       Fixed 8 hex, user-defined to recogn         Bobile Number:       18205915040       Mobile number, user-defined to record         Open       Close       serial port success!         Open       Close       Close         Port:       Open       Configuration         Reset Into       Communication       Receive as HEX         BaudRate:       000 v       Save         Load       Factory       Fe         FlowCTRL:       Fork       Version   | Stop Bit:   | 1  | The same as terminal device.  | >>>Save Parameter, Please Wait   |
| Mobile Number:       18205915040       Mobile number, user defined to record       >>>>>>>>>>>>>>>>>>>>>>>>>>>>>>  | Device TD:  | 15004890   | Fixed 8 hex user-defined to recogn  | Save Parameter: Success!   |
| Mobile Number:       18205915040       Mobile number, user-defined to recorr       >>>>>>>>>>>>>>>>>>>>>>>>>>>>>>  |   |  |   | >>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>   |
| Operating         Open       Close         Port:       Owneral Expand         BaudRate:       0800 ~         DataBits:       ~         Parity:       Forsevention         StopBits:       ~         FlowCTRL:       Forsevention   | Mobile Number:  | 18205915040  | Mobile number, user-defined to reco…  | >>>Open serial port success!   |
| Operating         Open       Close         Port:       Own State         BaudRate:       0600         DataBits:       Omega         Parity:       None         StopBits:       Image: Save         FlowCTRL:       Wone  |   |  |   |  |
| Open       Close         Port:       COMIN         BaudRate:       9600         DataBits:       Image: Communication         Parity:       Wone         StopBits:       Image: Command Check   | _ Operating   |  |   |  |
| Transferral and the second s  | Open CI<br>Port: COMI<br>BaudRate: 9600<br>DataBits: 8<br>Parity: None<br>StopBits: 1<br>ElowCTRL: None | ose General<br>Work S<br>Cond<br>Cond<br>Parame<br>Se<br>Ver | Expand<br>tate<br>figuration<br>nunication<br>ter Operating<br>ave Load Factory<br>sion Command Check | Data Clear     Count Clear       Receive as MEX     Receive add LF       Send as MEX     Send add LF       Send     LoopSend (ms)       fe |

3.1.2 Modify parameter and save it . Click close to make it into communication situation .Choose the corresponding serial port like Baud rate , data bit , parity, stop bits, flow control, then choose "ok". Click start to re-power it.



Configure Log Data Select All 🗹 Full Speed Type: RMU 🗢 Model: RMU-V6 >>>Open serial port success! Basic Conf Center Server Conf Advance Conf Net Conf Activate ( Name Value Description Main Server IP: 110.80.17.74 Valid when main server IP No. equa... Main Server Port: 26000 Valid when main server IP No. equa-Sub Server IP: 59.57.220.135 Valid when main server IP No. equa Sub Server Port: 10001 Valid when main server IP No. equa... Baudrate: 9600 The same as terminal device. Parity Bit: NONE The same as terminal device. 📃 Data Bit: The same as terminal device. 8 Stop Bit: The same as terminal device. 1 Device ID: 15004890 Fixed 8 hex, user-defined to recogn. Mobile Number: 18205915040 Mobile number, user-defined to reco-Operating General Expand Data Clear Count Clear Close Open Work State 🗌 Receive as HEX 📃 Receive add LF Port: ~ Configuration Reset Into ✓ Send as HEX BaudRate ¥ Communication Communication Send add CR Send add LF DataBits \* Send LoopSend(ms) 1000 Parameter Operating Parity: ¥ Save Load Factory fe StopBits: \* Version Command Check FlowCTRL ¥

#### 3.2 How to check if the device is online

When the device is into communication status for a while(about 30s), check the "online" light . If the "online" light is on then the device connect to sever . Or you can check in sever .



3.3 When device is online please check the link.

If configuration tool and sever can send SMS , both sending and receiving is ok ,

Link is ok .



| 幕 Caimore Data Center C# Demo                       |  |  |
|---|--|--|
| File Operation Help                                 |  |  |
|   |  |  |
| Server Set Remote Config                            |  |  |
| Port Number: 260000                                 | ID Number Thome Number IF Addr Login Time The last time to |  |
| Online List Maintenance T.200 🔹                     |  |  |
| Work Hode: Snall                                    |  |  |
| Data Display Mode: 16 Binary Di: 🖌                  | Log Received Data Send Data                                |  |
| Automatic Response                                  | (2015-9-18 10:21:08):Started Succeed, Port Number:28000    |  |
|   |  |  |
|   |  |  |
|   |  |  |
| Send Data   |  |  |
| Text 123456789                                      |  |  |
|   |  |  |
|   |  |  |
|   |  |  |
|   |  |  |
|   |  |  |
|   |  |  |
|   |  |  |
|   |  |  |
| 1000 🗢 ms / times 🗋 Send Regularly 🚺 16 Binary Send |  |  |
| ID Number: Send                                     |  |  |

| File Operation Help  |  |
|--|--|
| ◎ 🕲 礆 ≿  |  |
| Server Set Remote Config   |  |
| Port Number: 25000 🗢<br>Online List Maintenance T200 🗢                 | ID Studier Phone Number IF Addr Login Time The last time to<br>15004890 10.253.122.165 18205915040 2015-9-18 10:2 2015-9-18 10:25:50 |
| Work Mode:   |  |
| Data Dimplay Mode: 16 Binary Di: 💌                                     | Log Received Data Send Data  |
| Automatic Response   | 0015-9-18 10:21:08>Started Succed, Port Number:28000<br>0015-9-18 10:25:59>150046980 offline   |
| Send Data  |  |
| Text 1234967799  |  |
| 1000 🗘 ms / times 🗋 Send Regularly 🚺 16 Binary Send<br>ID Number: Send |  |



| Configure   |   |   | Log Data  |
|---|---|---|---|
| 🗌 Select All 🗹 Ful  | 1 Speed Type: RMU   | 🗢 Model: RMU-V6 🗸 🗸   | Tot bytes:09  |
| Basic Conf Cente  | er Server Conf Adv  | ance Conf Net Conf Activate ( 4 )   | 22 00 00 01 00 01 2E 00 8B  "   |
| Name  | Value   | Description   | The end   |
| 🗌 Main Server IP:   | 110. 80. 17. 74   | Valid when main server IP No. equa  | 1D.22<br>WriteFlash:uiSeg f800 uiOff 200<br>**  |
| 🔲 🖩 ain Server Port   | : 26000   | Valid when main server IP No. equa  | OK  |
| Sub Server IP:  | 59. 57. 220. 135  | Valid when main server IP No. equa  | OK<br>Resetting (01)  |
| Sub Server Port:  | 10001   | Valid when main server IP No. equa  | Resetting (02)<br>Resetting (03)  |
| Baudrate:   | 9600  | The same as terminal device.  | Resetting (04)<br>Resetting (05)<br>Paratting(05)   |
| Parity Bit:   | NONE  | The same as terminal device.  | Resetting (07)<br>Resetting (08)  |
| Data Bit:   | 8   | The same as terminal device.  | HEDtu enters TCP mode.  |
| Stop Bit:   | 1   | The same as terminal device.  | Now start at proc.  |
| Device ID:  | 15004890  | Fixed 8 hex, user-defined to recogn   | At Proc Success!  |
| Mobile Aunder:  | 105/02412040  | Mobile Runber, User Serined to recom  | Fpp dial_succ_06t Ip_Addm :10 253.122.165           Fpp dial_succ_06t Ibms14dm :211.143.147.120           Fpp dial_succ_06t Ibms2 Addm :112.05.230.54           Resolving server name:110.80.17.74.           Connect to 110.80.17.74/28000 |
| Operating   |   |   |   |
| Open C<br>Port: COM<br>BaudRate: 9900<br>DataBits: 0<br>Parity: None<br>StopBits: 1<br>FlowCTRL: None | Iose<br>General<br>Fork S<br>Con<br>Con<br>Con<br>Con<br>Con<br>Con<br>V<br>V<br>V<br>V<br>V<br>V | Expand<br>tate<br>figuration Reset Into<br>Communication<br>ter Operating<br>ave Load Factory<br>tion Command Check | Bata Clear       Count Clear         Beceive as HEI       Receive add LF         Send as HEI       Send add LF         Send       LoopSend (ms) 1000         123456769       Item 1000  |

| File Operation Help  |  |                                   |                        |                              |  |  |  |  |  |  |
|--|--|-----------------------------------|------------------------|------------------------------|--|--|--|--|--|--|
| 🧼 🕲 🎡 🏂  |  |                                   |                        |                              |  |  |  |  |  |  |
| Server Set Remote Config   | 1  |                                   |                        |                              |  |  |  |  |  |  |
| Port Number: 26000 🗘   | ID Number<br>15004890  | Phone Number<br>10. 253, 122, 165 | IP Addr<br>18205915040 | Login Time<br>2015-9-18 10:2 | The last time to<br>2015-9-18 10:25:50 |  |  |  |  |  |
| Online List Maintenance T(200 🗘<br>Work Mode: Small 💙            |  |                                   |                        |                              |  |  |  |  |  |  |
| Data Display Mode: 16 Binary Di: 🗸                               | ata Display Hode:<br>Attonatic Response<br>Attonatic R |                                   |                        |                              |  |  |  |  |  |  |
|  | <2015-9-18 10  | ):28:13>:Rec Data, II             | :15004890, Len. 2, Da  | te.ui bi                     |  |  |  |  |  |  |
|  |  |                                   |                        |                              |  |  |  |  |  |  |
| Send Data  |  |                                   |                        |                              |  |  |  |  |  |  |
| Text 123456789   |  |                                   |                        |                              |  |  |  |  |  |  |
|  |  |                                   |                        |                              |  |  |  |  |  |  |
|  |  |                                   |                        |                              |  |  |  |  |  |  |
|  |  |                                   |                        |                              |  |  |  |  |  |  |
|  |  |                                   |                        |                              |  |  |  |  |  |  |
|  |  |                                   |                        |                              |  |  |  |  |  |  |
|  |  |                                   |                        |                              |  |  |  |  |  |  |
| 1000 ms / times Send Regularly 16 Binary Send<br>ID Number: Send |  |                                   |                        |                              |  |  |  |  |  |  |



| File Operation Help                     |   |                                |                           |                        |                              |                       |                         |   |  |
|---|---|--------------------------------|---------------------------|------------------------|------------------------------|-----------------------|-------------------------|---|--|
| ي 🕲 🥝 🔘                                 |   |                                |                           |                        |                              |                       |                         |   |  |
| Server Set Remote Config                |   |                                |                           |                        |                              |                       |                         | _ |  |
| Port Number:<br>Online List Maintenance | 26000 🗢<br>T(200 🗢                            | ID Number Pho<br>15004890 10.3 | 1e Wunber<br>53. 122. 165 | IP Addr<br>18205915040 | Login Time<br>2015-9-18 10:2 | The last<br>2015-9-18 | t time to<br>8 10:25:50 |   |  |
| Work Mode:                              | Snall V                                       |                                |                           |                        |                              |                       |                         |   |  |
| Data Display Mode:                      | 16 Binary Di: 🗸                               | Tra Provinsi D                 | . Sand Data               |                        |                              |                       |                         |   |  |
|   | Automatic Response                            | Log Received D                 | ata Senu Data             |                        |                              |                       |                         |   |  |
| end Data<br>Fact 123456789              |   |                                |                           |                        |                              |                       |                         |   |  |
| 1000 🗢 az / <del>ptimz - 30</del>       | n <del>i krysku 3. – – 10-81 may 9 m</del> il |                                |                           |                        |                              |                       |                         |   |  |
| ID Number                               | 15004890 Send                                 |                                |                           |                        |                              |                       |                         |   |  |

| File Lools Help                                       |  |                  |                                       |  |
|---|--|------------------|---------------------------------------|--|
|   |  |                  |                                       |  |
| Configure Log Data                                    |  |                  |                                       |  |
| Select All 🗹 Full Speed Type: RMU 🗢 Model: RMU-V6 🗸 T |  |                  |                                       | Tot byte:00  |
| B   | sic Conf 🛛 Center Server Conf 📄 Advance Conf 📄 Net Conf 📄 Activate ( 🚺 🕨                                 |                  | ance Conf   Net Conf   Activate ( 🚺 🕨 | 22 20 00 00 10 01 2E 00 88  *  |
|   | Nane   | Value            | Description                           | The end<br>Th-22   |
|   | Main Server IP:  | 110. 80. 17. 74  | Valid when main server IP No. equa    | WriteFlash:uiSeg f800 uiOff 200  |
|   | Main Server Port:  | 26000            | Valid when main server IP No. equa    | хо   |
|   | Sub Server IP:   | 59. 57. 220. 135 | Valid when main server IP No. equa    | 0K<br>Resetting (01)   |
|   | Sub Server Port:   | 10001            | Valid when main server IP No. equa*** | Resetting (02)<br>Resetting (03)   |
|   | Baudrate:  | 9600             | The same as terminal device.          | Resetting(U4)<br>Resetting(05)   |
|   | Parity Bit:  | NONE             | The same as terminal device.          | Resetting (07)<br>Resetting (07)   |
|   | Data Bit:  | 8                | The same as terminal device.          | HEDiu enters TCP mode.   |
|   | Stop Bit:  | 1                | The same as terminal device.          | Now start at proc.   |
|   | Device ID:   | 15004890         | Fixed 8 hex, user-defined to recogn…  | At Proc Success!   |
|   | Mobile Number:   | 18205915040      | Mobile number, user-defined to reco…  | Ppp dial succ, Got Ip Addr :10.253.122.185   |
|   |  |                  |                                       | Ppp dial succ, Got Unsl Addr :211.143.147.120<br>Ppp dial succ, Got Dns2 Addr :112.05.230.54                                     |
|   |  |                  |                                       | Recolving server name:110.80.17.74.  |
|   |  |                  |                                       |  |
|   |  |                  |                                       | Connected Text 123456789   |
| Operating   |  |                  |                                       |  |
|   | Onen C   | General          | Expand                                | Data Class   |
|   | Port: Conse<br>BaudBate: 2000 V<br>BoundBate: 2000 V<br>BoundBate: 2000 V<br>Consumication Communication |                  | tate                                  | Sective at IEI     Sective at IF     Send as NEI     Send add CF     Send add CF     Send add CF     Send add CF     Send add CF |
| ľ   |  |                  | figuration Reset Into                 |  |
| E   |  |                  | Communication                         |  |
| D   | lataBits:  | aBits:           |                                       |  |
| F   | arity: Jone Y Save Load Factory  |                  | ter operating                         |  |
| S   | topBits:   |                  |                                       | 120/00/09  |
| F   | lowCTRL: None  | Yer:             | sion Command Check                    |  |
|   |  |                  |                                       |  |