1. Run the "SerialTool" from the file package



2. Software interface description



- (1) Device: Select the right device you want to test from the drop-down menu
- (2) Hex/Ascii show: Select whether the receiving format of the data is HEX or ASCII.
- (3) **New Line**: This is only for the GSM device, for example GSM-RELAY, GSM-KEY, GSM-CTL, every time when send the command, will add a Ascii "CR" at the end of the data command automatically
- (4) **Regularly sent selection**: For WF-700B,WF-700TK serial product, need to check this box,then will send the command always with the preset interval timer
- (5) Hex /ASCII send selection: This is only for the below command, not for the right command list
- (6) Repeatly sent Interval: This is used to send the command repeatly with the preset timer (Poll command)
- (7) Port Setting: select the right com port and open or close the com port
- (8) Extension/Hide button: Display or hide the command list window on the right

3. Select the COM Port

| File Device Help | | | | | | | |
|--|---|---|---|---|---|--|--|
| ite Device Help | Port COM port Baud | Port COM port COM2 ✓ Baud 9600 ✓ | | HEX V 31 V 344 V 344 V 39 V 00 V 00 | | Characters F0000 F0000 FFFFF 2000001 0 30303030313030303636 10 0 11 | |
| | Parity Data Bits Stop Bits | No parity ~ 8 ~ One ~ | Buffer Input Buffer Output Buffer | 8192 8192 Cancel | | 30303030313030 | 13 1303636 14 15 16 000 ms/per |
| Hex Show Save contents | | Shanghai Wafer Mid | roelectr | ronics Co.,L | td. | Hide | |
| Open file Send char: Regularly sen New Line Hex send 33 33 20 33 33 20 32 30 20 Opended port: COM2 | nt Interval 500 Send Po 33 33 20 33 33 20 32 30 Sent: 0 Re | Send file ms/per ort Setting 0 20 33 32 20 33 3 ceived: 0 | Products Questions - New MDB-RS232 Co New Cashless payme MDB-RS232 for Rasp GA09: 8 Alarm input Hot sales! GA01P G | and Ansi ontrol Bo ent adap oberry pi GSM alar SM alar | wers: Solve ard for Kios ter RS232-N arm unit m box for p | your questions eas k vending comput MDB power failure alert | ily! er |

For example, if we need to do the Dex test, we need to select the Baud rate: 115200 For other devices, that all is 9600 Buad rate. Of course, the specific baud rate parameters still need to be selected according to the instructions of the device (No need to change other parameters)

4. Select the device to send the data

Press the menu "Device" to show the device list and select the right type and also press the "Extension" button ,then at the right column window of the software will display the corresponding command list. The software already lists frequently used commands in the right window according to the selected device. Users can also add some instructions as needed



5. Press the number after the command to send the command

- (1) Before send the command, check the "Hex send" selection in front of the command
- (2) Device has been powered on with the right power supply and already start to work
- (3) Com port has already been connected

| Z Shanghai Wafer Microelectronics Co.,Ltd - Com Test Tools | | _ | | | |
|---|--|---|---|--|--|
| File Device Help | | | | | |
| Click the number button behind the data comma and the corresponding RS232 command will be Of course, you need to open the serial port first connect it to the device correctly | nd, sent. and | X Characters 31 34FFFF0000 34001F0000 09 0CFFFFFFF 10002000001 6101FFFF0000 1401 170049445330303031303 6101FFFF0000 610002000001 6401 6401 6401 Auto Send Send Interval | Ser 30303636 1 1 30303636 1 1 1 30303636 1 1 1 1000 ms/p | | |
| Hex Show Save contents Clear contents Shang | nai Wafer Microelec | tronics Co.,Ltd. | Hide | | |
| Open file Send file | Products Questions and Answers: Solve your questions easily! | | | | |
| Send char: Regularly sent Interval 500 ms/per | New MDB-RS232 Control Board for Kiosk vending computer | | | | |
| | New Cashiess payment adapter KS232-MDB | | | | |
| □ New Line ✓ Hex send Send Port Setting MDD- | <u>NUD-RSZSZ IUI RASPUEITY pi</u> | | | | |
| 33 33 20 33 33 20 32 30 20 33 33 20 33 33 20 32 30 20 33 32 20 33 3 Hot c | GAUS, & Alarminiput GSIVI alarm hox for nower failure plort | | | | |
| Opended port: COM2 Sent: 0 Received: 0 | not sales: GAUTE GSW alarm box for power failure alert | | | | |

6. How to observe data more conveniently

When testing products such as WF-700 or WF-702, User can change the width of the display window by dragging the edges of the software, and one or several complete data commands returned by the device are displayed in one line. This is convenient for us to observe the changes in the data when we invest or control later

| 🗶 Shanghai Wafer Microelectronics Co.,Ltd - Com Test Tools | — 🗆 X | | | | |
|---|---|--|--|--|--|
| File Device Help | | | | | |
| 02 0B 20 01 00 00 00 00 40 03 6A 02 0B 20 01 02 00 00 00 10 03 38 | HEX Characters Send | | | | |
| 02 0B 20 01 02 00 00 00 20 03 08 02 0B 20 01 02 00 00 00 30 03 18 | ✓ 0208100010000377 1 | | | | |
| 02 0B 20 01 00 00 00 00 40 03 6A 02 0B 20 01 02 00 00 00 10 03 38 | ☑ 0208100110000377 2 | | | | |
| 02 0B 20 01 00 00 00 00 20 03 6A 02 0B 20 01 02 00 00 00 10 03 88 | ✓ Disable two coin acceptors 3 | | | | |
| 02 0B 20 01 02 00 00 00 20 03 08 02 0B 20 01 02 00 00 00 30 03 18 | ☑ 0208100010000377 4 | | | | |
| 02 0B 20 01 00 00 00 00 40 03 6A 02 0B 20 01 02 00 00 00 10 03 38 | ✓ Enable two coin acceptors 5 | | | | |
| 02 0B 20 01 02 00 00 00 20 03 08 02 0B 20 01 02 00 00 00 30 03 18 02 0B 20 01 00 00 00 00 40 03 64 02 0B 20 01 02 00 00 00 10 03 38 | ✓ 0208100310000377 | | | | |
| 02 0B 20 01 02 00 00 00 20 03 08 02 0B 20 01 02 00 00 00 30 03 18 | Image: Second | | | | |
| 02 0B 20 01 00 00 00 00 40 03 6A 02 0B 20 01 02 00 00 00 10 03 38 | ✓ 0208100312000377 | | | | |
| 02 0B 20 01 02 00 00 00 20 03 08 02 0B 20 01 02 00 00 00 30 03 18 | ☑ 0208100322000377 9 | | | | |
| 02 0B 20 01 02 00 00 00 00 20 03 0A 02 0B 20 01 02 00 00 00 10 03 38 02 0B 20 01 02 00 00 00 20 03 08 02 0B 20 01 02 00 00 00 30 03 18 | ✓ 0208100332000377 10 | | | | |
| | ✓ 0208100342000377 | | | | |
| | | | | | |
| | | | | | |
| Just one line of the window can display | | | | | |
| two complete reply data. | | | | | |
| ✓ Hex Show Save contents Clear contents | Shanghai Wafer Microelectroni Hide | | | | |
| | Products Questions and Answers: Solve your | | | | |
| Open file Send file | New MDB-RS232 Control Board for Kiosk ver | | | | |
| Send char: 🗹 Regularly sent Interval 500 ms/per | New Cashless payment adapter RS232-MDB | | | | |
| New Line V Hex send Send Port Setting | MDB-RS232 for Raspberry pi | | | | |
| 02 08 10 03 22 00 03 77 | GA09: 8 Alarm input GSM alarm unit | | | | |
| Opended port: COM77 Sent: 3013 Received: 1441 | Hot sales! GA01P GSM alarm box for powe | | | | |
| | | | | | |

7. Users can add some commands they need to send in the command list on the right