

UT-680XMT-I

| | | | |
|----|---------------------------------|-------|-------|
| | UT-680XMT-I | ----- | 2 |
| a) | | | |
| b) | | | |
| c) | | | |
| | UT-680XMT-I | ----- | 4 |
| a) | | | |
| b) | LED | | |
| c) | | | |
| | UT-680XMT-I | ----- | 7 |
| a) | | | |
| b) | | | |
| | UT-680XMT-I | WEB | ----- |
| a) | | | 8 |
| b) | | | |
| c) | | | |
| d) | | | |
| e) | | | |
| f) | | | |
| | UT-680XMT-I | ----- | 21 |
| a) | erial_e herne _connec or_CH.e e | IP | |
| b) | | | |
| c) | | | |
| d) | | | |
| e) | | | |
| f) | TCP er er | | |
| | | ----- | 22 |
| a) | | | |
| b) | | | |

UT-680XMT-I
 CPU OS TCP/IP
 RS485/422
 IP DHCP IP
 TCP/IP
 SOCKET UDP SNMP MQTT MODBUS
 RS485/422
 In ernal
 ARP IP TCP HTTP ICMP



UT-6804MT -I



UT-6808MT-I



Windo

COM

Modem

ISDN

PC

Re e

10/100M

5

RXD, TXD, RTS, CTS, GND

32

400MH

CPU

128M

RAM



ARP IP ICMP UDP TCP HTTP DHCP SNMP MQTT MODBUS

Windo

Windo
1024

com

Windo

Windo
COM

COM

eb

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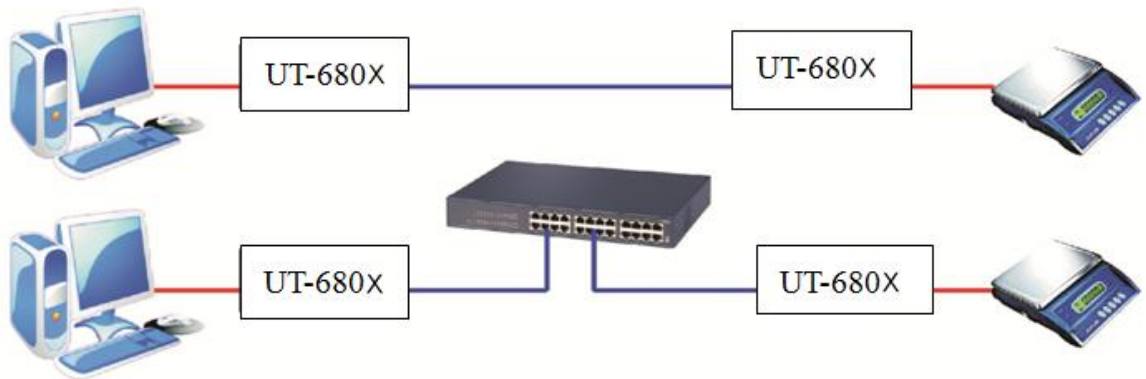
UT-680XMT-I

IP 192.168.1.125 255.255.255.0

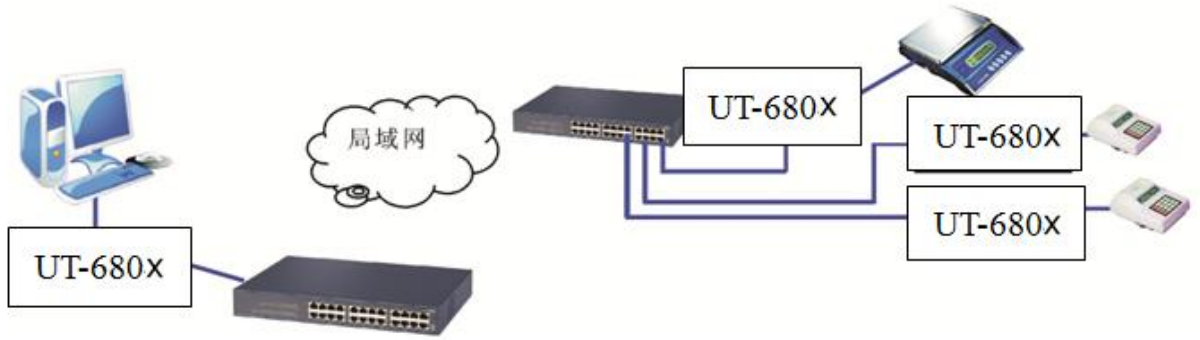
1



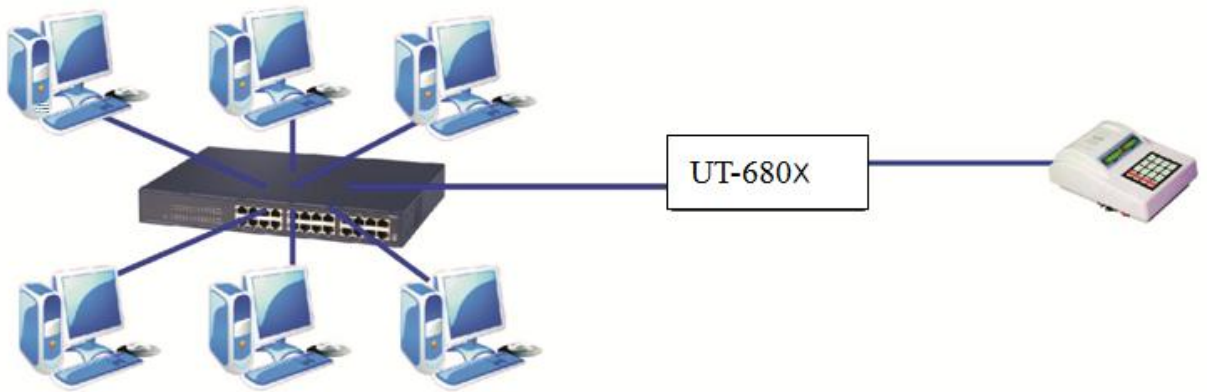
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3

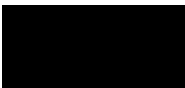


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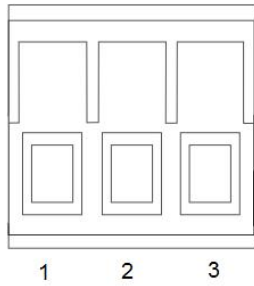


1 IP

2

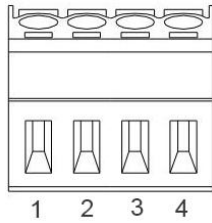


1



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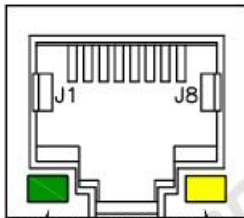
2 UT-680XMT-I



| 3.81 | RS-485 | RS-422 | |
|------|--------|--------|---|
| 1 | T/R+ | TX+ | / |
| 2 | T/R- | TX- | / |
| 3 | | RX+ | |
| 4 | | RX- | |

3 UT-680XMT-I

RJ45



| RJ45 | EIA/TIA 568B | | | EIA/TIA 568B |
|------|--------------|-------|---|--------------|
| 1 | | TX+ | | TX+ |
| 2 | | TX- | | TX- |
| 3 | | RX+ | | RX+ |
| 4 | | Da a+ | + | Da a+ |
| 5 | | Da a- | - | Da a- |
| 6 | | RX- | | RX- |
| 7 | | Da a+ | + | Da a+ |
| 8 | | Da a- | - | Da a- |

| | 2 | 4 | 8 |
|--|--------------|--------------|--------------|
| | 32bi 400MHZ | 32bi 400MHZ | 32bi 400MHZ |
| | 128M | 128M | 128M |
| | 300-921600bp | 300-921600bp | 300-921600bp |
| | 4pin | 4pin | 4pin |
| | 4KV | 4KV | 4KV |

| | | | | | |
|--|-----|---------------------------------------|---------------------------------------|---------------------------------------|--|
| | | | | | |
| | | 10/100M | 10/100M | 10/100M | |
| | | RJ45 | RJ45 | RJ45 | |
| | | 1.5KV | 1.5KV | 1.5KV | |
| | | ARP IP ICMP UDP TCP HTTP DHCP SNMP | ARP IP ICMP UDP TCP HTTP DHCP SNMP | ARP IP ICMP UDP TCP HTTP DHCP SNMP | |
| | COM | Windo | Windo | Windo | |
| | | -40 85 | -40 85 | -40 85 | |
| | | 5% 95% | 5% 95% | 5% 95% | |
| | | -40 85 | -40 85 | -40 85 | |
| | | 5% 95% | 5% 95% | 5% 95% | |
| | | DC12 36V 180mA@12Vma | DC12 36V 200mA@12Vma | DC12 36V 250mA@12Vma | |
| | | | | | |
| | | | | | |

| | | | | | | |
|-------------|---|------------|---|---|---|----------|
| | | | | | | RJ45 DB9 |
| UT-6802MT-I | 1 | 1 DC12V/1A | 1 | 1 | 1 | --- |
| UT-6804MT-I | 1 | 1 DC12V/1A | 1 | 1 | 1 | --- |
| UT-6808MT-I | 1 | 1 DC12V/1A | 1 | 1 | 1 | --- |

- 系统首页
- 系统设置
- 串口设置
- 工作模式
- 状态查询
- 设备管理

| | |
|--|---------|
| | |
| | |
| | SNMP mq |
| | |
| | |
| | |
| | |

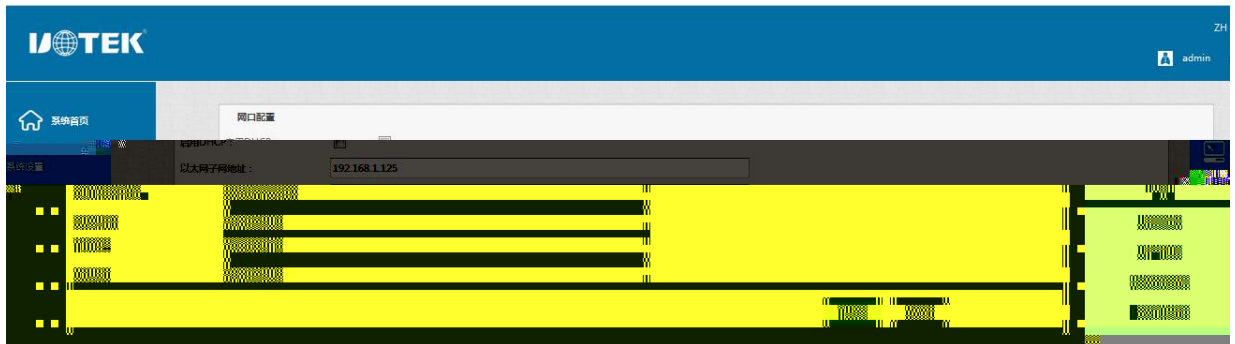
| | |
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| | |



1 ---IP

IP

| | | | |
|------|--|-----|----|
| | | | |
| DHCP | | IP | |
| IP | | IP | |
| | | | |
| DNS | | DNS | |
| DNS | | DNS | |
| | | IP | IP |



2 ---

4 IP

| | | | |
|-----|--|----|--|
| | | | |
| NO. | | IP | |
| IP | | IP | |
| IP | | IP | |
| | | | |

ZH | admin

- 系统首页
- 系统设置
- IP地址
- 地址过滤
- 用户管理
- SNMP设置
- MQTT设置
- 串口设置
- 工作模式
- 状态查询
- 设备管理

地址过滤

启用:

激活 NO.1:

起始IP地址: 192.168.1.2

终止IP地址: 192.168.1.254

激活 NO.2:

起始IP地址: 192.168.2.2

终止IP地址: 192.168.2.254

激活 NO.3:

起始IP地址: 192.168.3.2

终止IP地址: 192.168.3.254

激活 NO.4:

起始IP地址: 192.168.4.2

终止IP地址: 192.168.4.254

提交
取消

3

| | |
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| | U er |
| | admini rac or |
| | |

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- MQTT设置
- 串口设置
- 工作模式
- 状态查询

用户管理

| 用户名 | 权限 | 操作 |
|-------|-----------|-------|
| admin | adminstor | 修改 |
| user | user | 删除 修改 |

添加用户

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- 地址过滤
- 用户管理

添加用户

用户名: (4~16位: 由a~z, A~Z或0~9组成)

密码: (4~16位: 由a~z, A~Z或0~9组成)

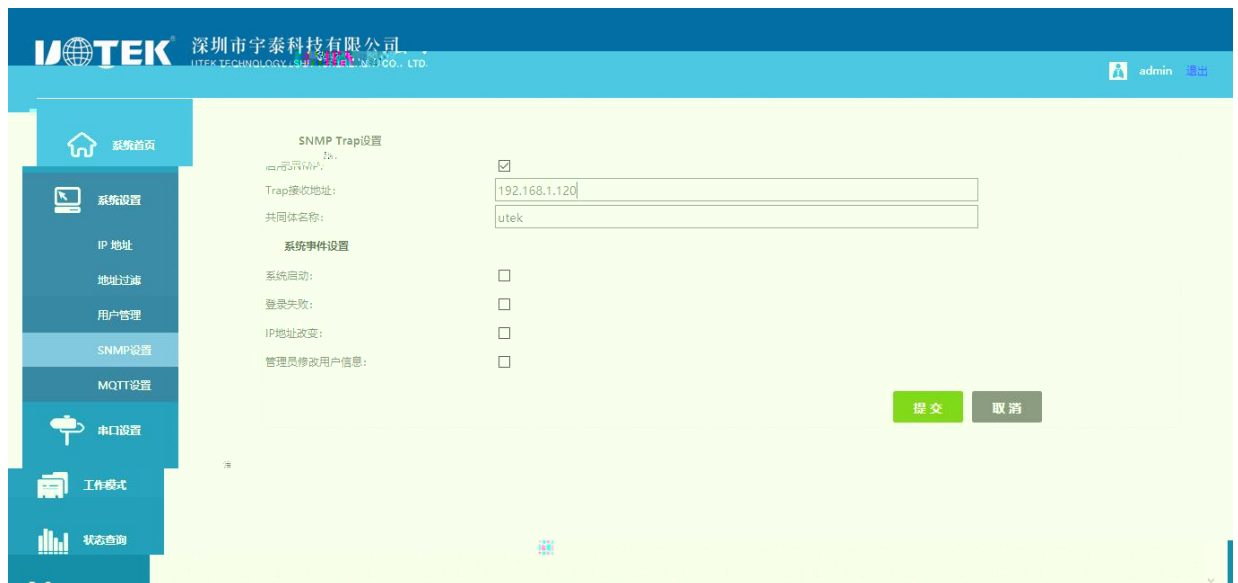
确认密码: (4~16位: 由a~z, A~Z或0~9组成)

权限:

提交
取消

4 ---SNMP SNMP Trap

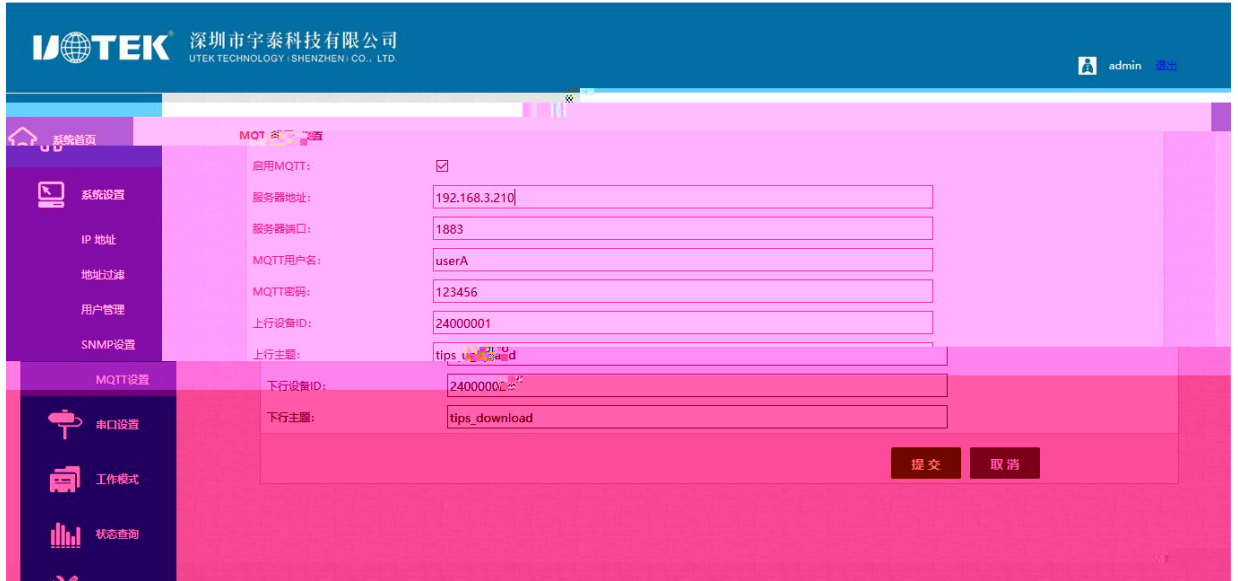
| | |
|------|------|
| SNMP | |
| Trap | Trap |
| | |
| | |
| IP | IP |
| | |
| | |



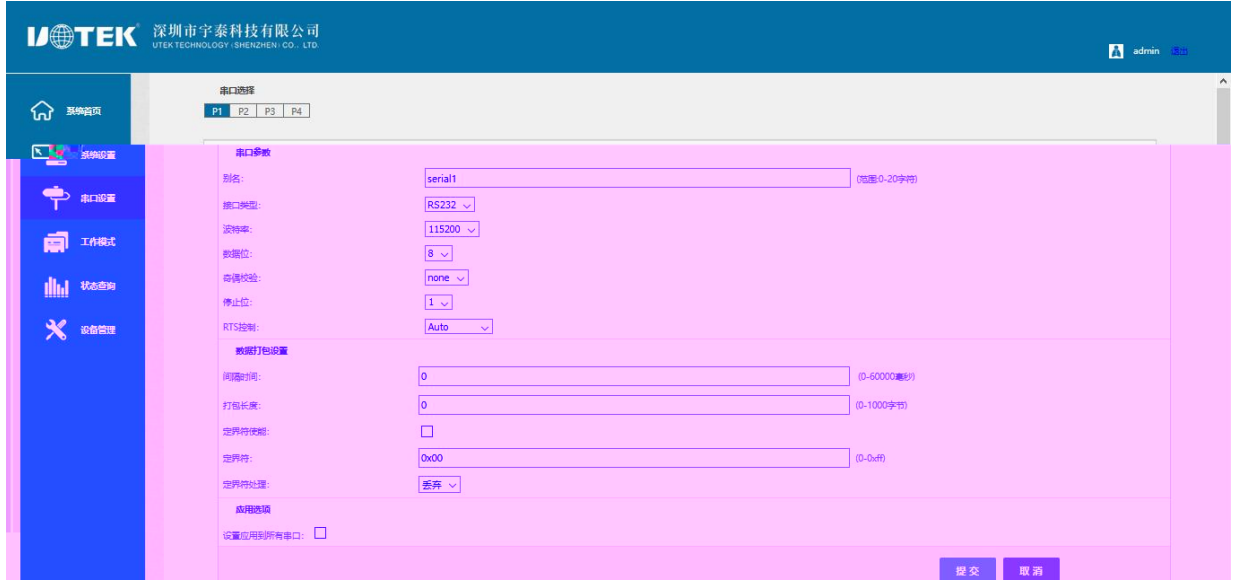
5 ---MQTT MQTT

| | | |
|------|------|------|
| MQTT | MQTT | MQTT |
| | MQTT | |
| | MQTT | |
| MQTT | MQTT | |
| MQTT | MQTT | |
| ID | ID | |

| | |
|----|----|
| | |
| ID | ID |
| | |
| | |

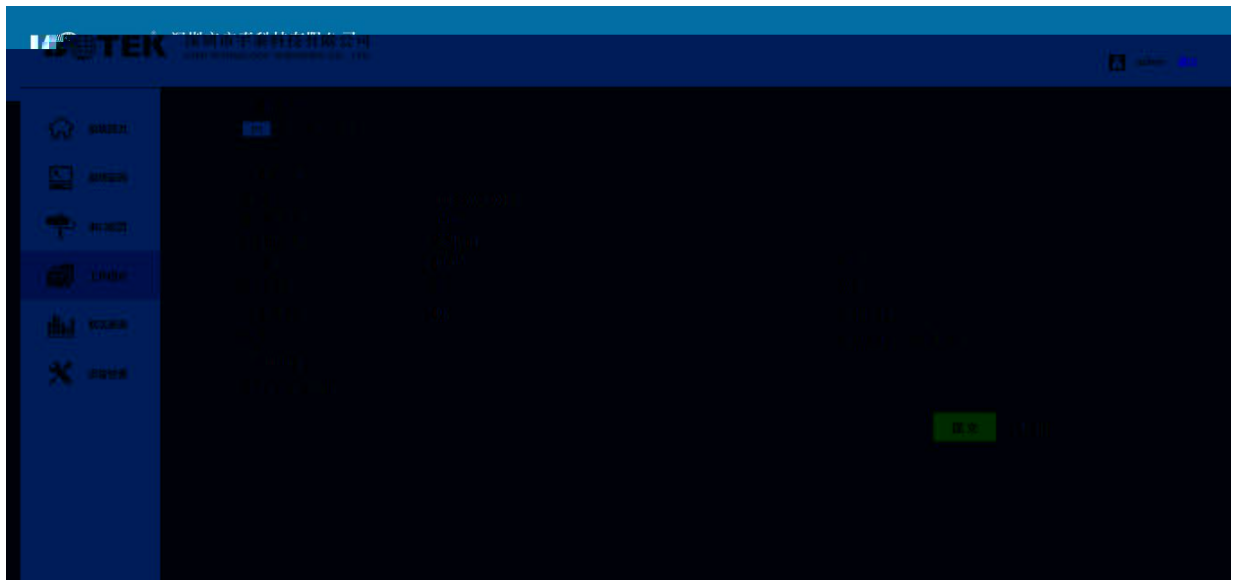


| | |
|-----|----------------------|
| | |
| | RS485/485 |
| | |
| | 8 |
| | None E en Odd None |
| | 8 |
| RTS | A o XON/XOFF CTS/RTS |
| | |
| | |
| | 0-0 ff |
| | |
| | |



1 TCP Server Mode TCP

| | |
|-----|---------|
| | |
| | |
| | 0-65534 |
| | |
| TCP | TCP |
| | |
| | |



2 TCP Client Model TCP

| | |
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| | |
| | |
| | |

| | |
|-----|-----|
| TCP | TCP |
| IP | IP |
| | |
| | |
| | |

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 admin

系统首页
 系统设置
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 工作模式
 状态查询
 设备管理

串口选择

P1 P2 P3 P4

基本设置

工作模式: TCP Client Mode

命令协议兼容: none

数据协议转换: 透明传输

TCP保活时间: 10 (0-120分钟)

| 目标IP地址 | 目标端口 | 本地端口 | 重置 |
|---------|-------------|-------------|--------------------------|
| 0.0.0.0 | 0 (0-65534) | 0 (0-65534) | <input type="checkbox"/> |
| 0.0.0.0 | 0 (0-65534) | 0 (0-65534) | <input type="checkbox"/> |
| 0.0.0.0 | 0 (0-65534) | 0 (0-65534) | <input type="checkbox"/> |
| 0.0.0.0 | 0 (0-65534) | 0 (0-65534) | <input type="checkbox"/> |
| 0.0.0.0 | 0 (0-65534) | 0 (0-65534) | <input type="checkbox"/> |
| 0.0.0.0 | 0 (0-65534) | 0 (0-65534) | <input type="checkbox"/> |
| 0.0.0.0 | 0 (0-65534) | 0 (0-65534) | <input type="checkbox"/> |
| 0.0.0.0 | 0 (0-65534) | 0 (0-65534) | <input type="checkbox"/> |
| 0.0.0.0 | 0 (0-65534) | 0 (0-65534) | <input type="checkbox"/> |

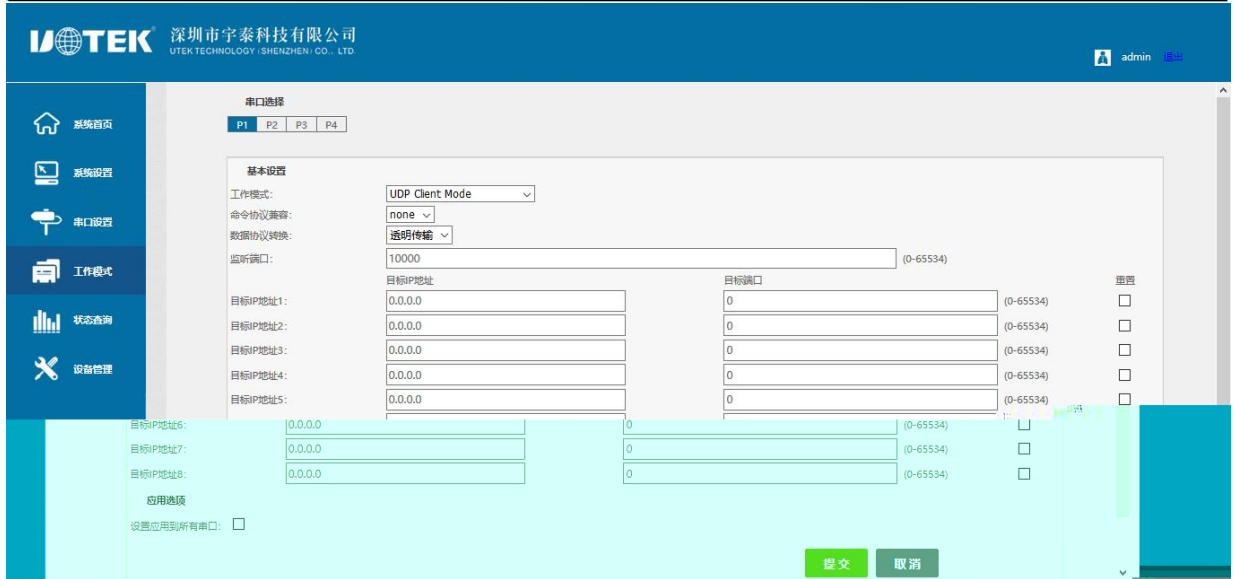
应用选项

设置应用到所有串口:

提交
取消

3 UDP Clie Model UDP

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| | |
| | |
| | |
| TCP | TCP |
| IP | IP |
| | |
| | |
| | |

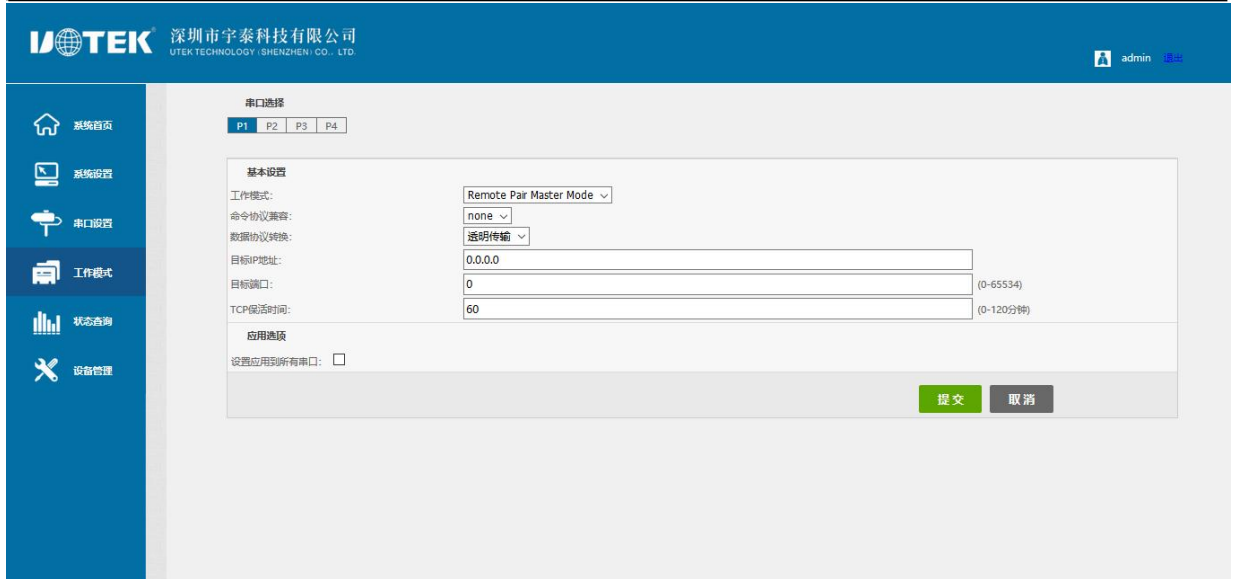


4 Remo e Pair Master Mode

TCP

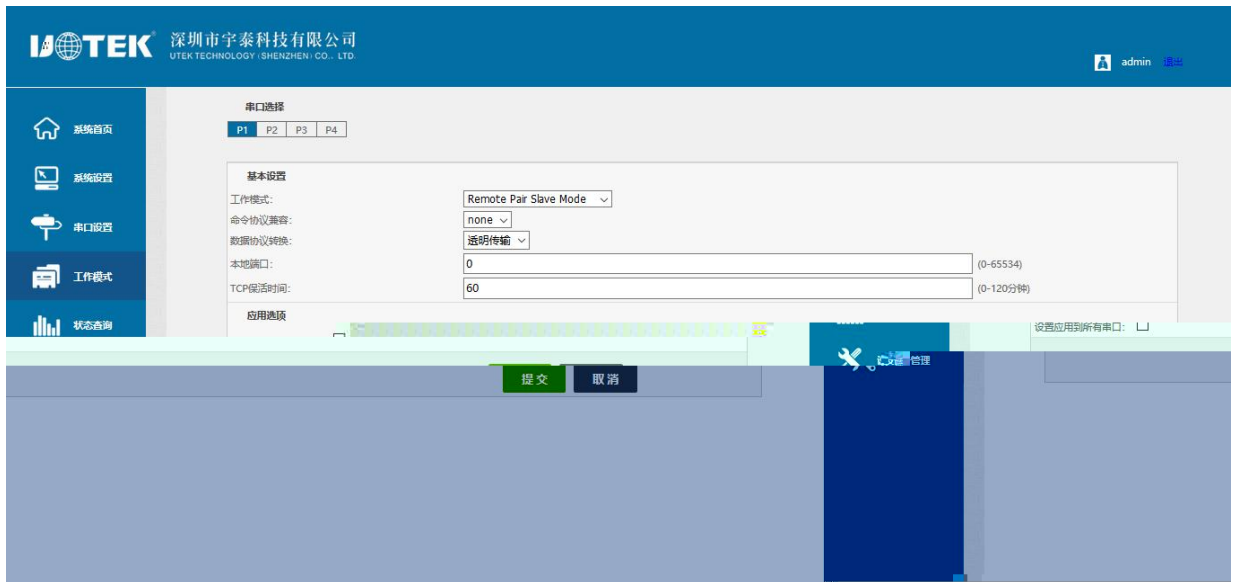
TCP

| | |
|-----|-----|
| | |
| | |
| | |
| TCP | TCP |
| IP | IP |
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| | |



5 Remote Pair Slave Mode

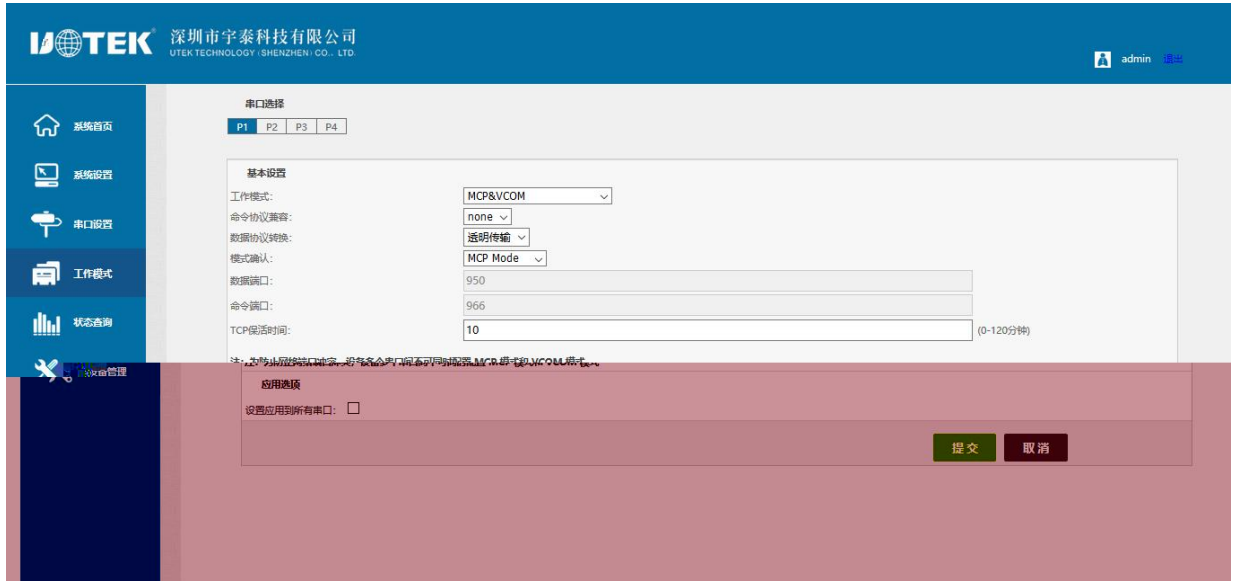
| TCP | TCP |
|-----|-----|
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| TCP | TCP |
| | TCP |
| | |
| | |



6 MCP&VCOM Mode TCP/IP

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|---------|------|-----|
| TCP/IP | indo | |
| COM | COM | COM |
| COM1024 | | |

| | |
|-----|----------|
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| | |
| TCP | TCP |
| | MCP VCOM |
| | |
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| | |



7 Modb Ser er Mode

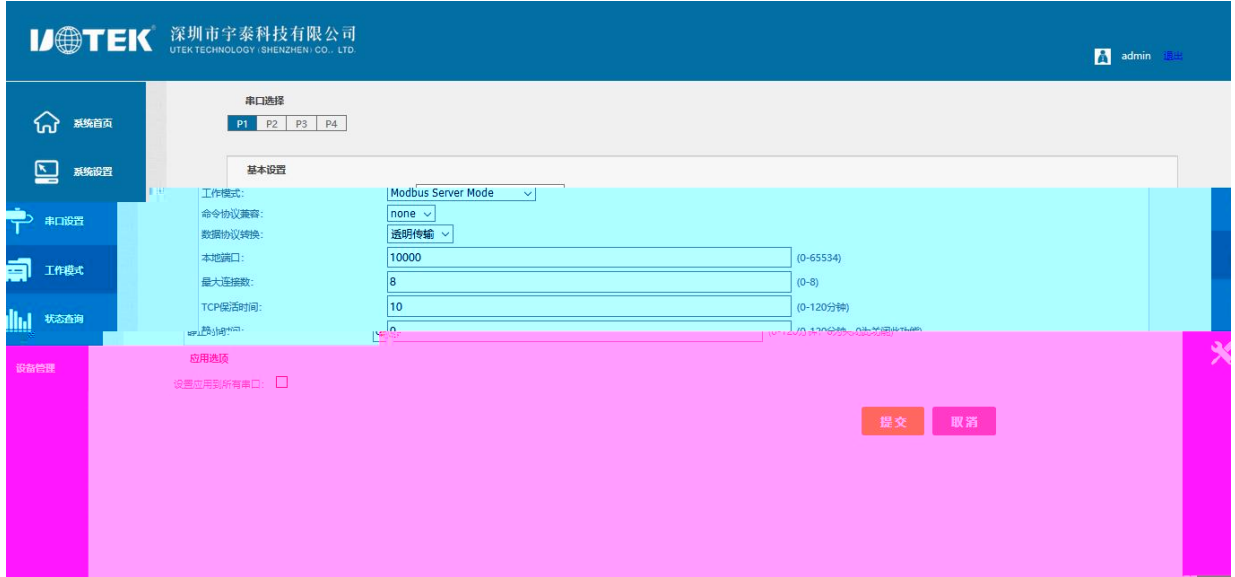
TCP

Modb -RTU

Modb

Modb

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| | |
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| | |
| TCP | TCP |
| | TCP |
| | |
| | Ser er Clie |
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| | |



8 Modb Cline Mode

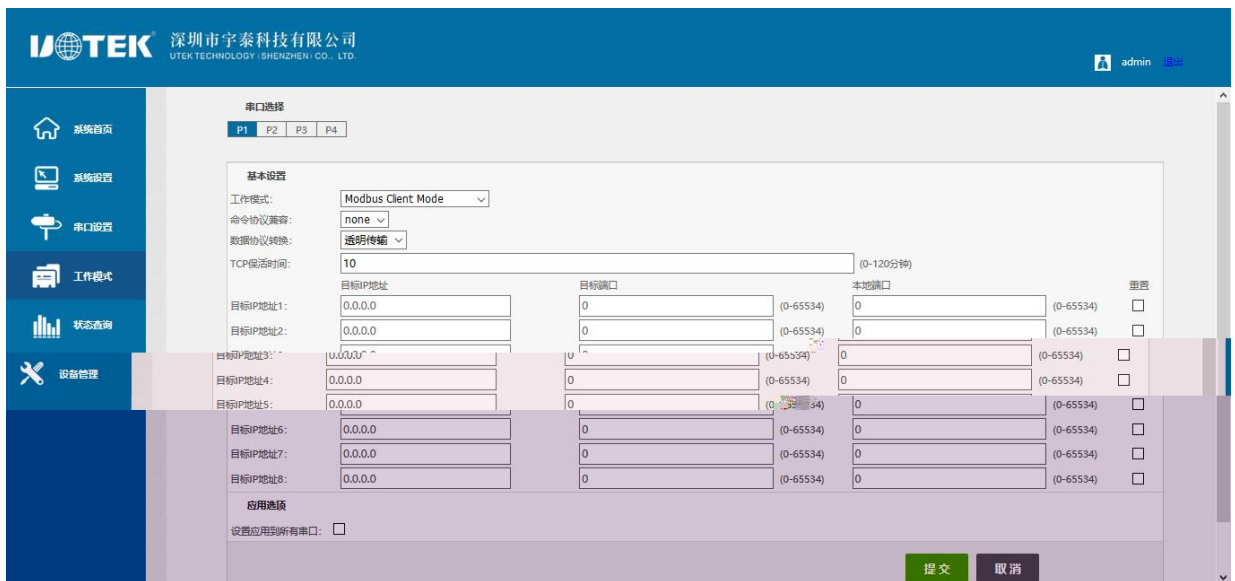
TCP

Modb -RTU

Modb

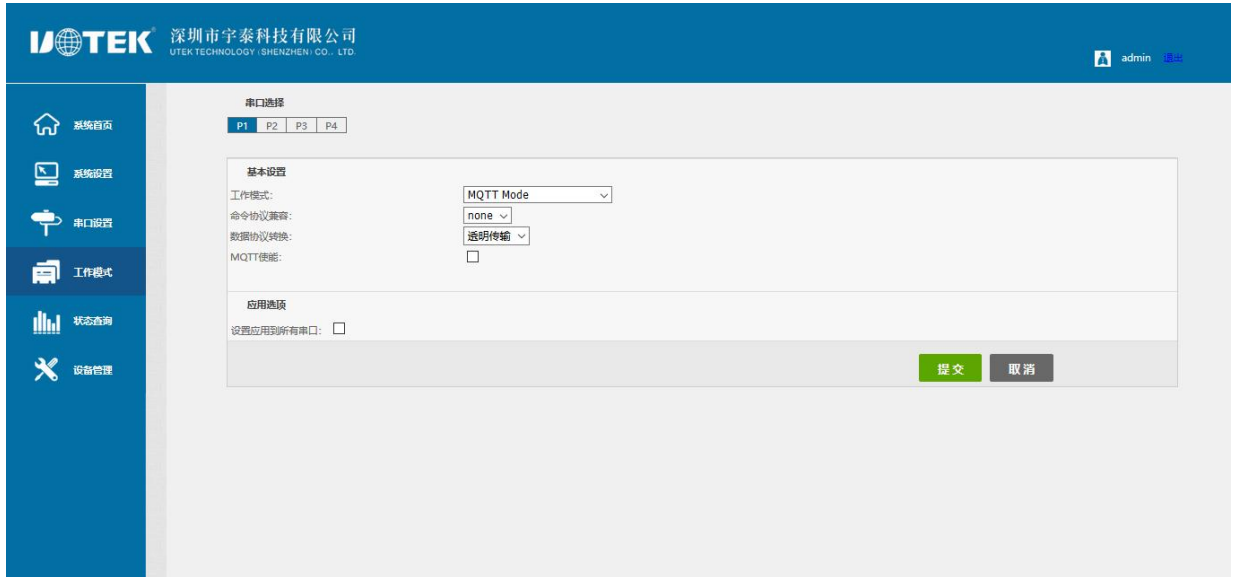
Modb

| | |
|-----|-----|
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| | |
| | |
| TCP | TCP |
| IP | IP |
| | |
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| | |
| | |

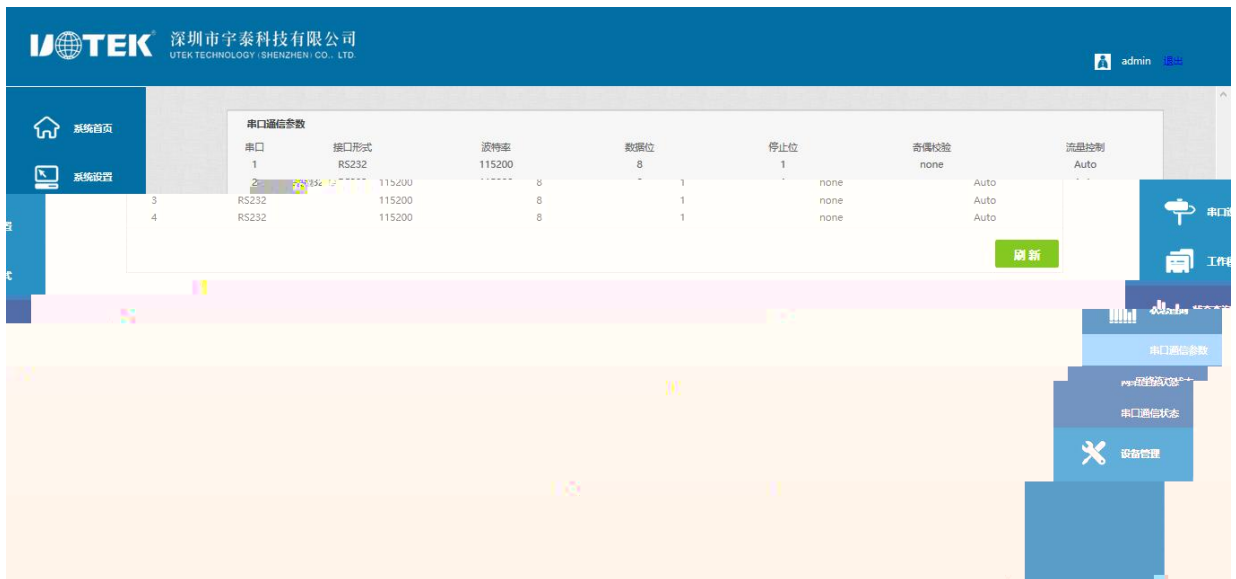


9 MQTT Mode

| | |
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| MQTT | MQTT |
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串口通信参数
网络连接状态
串口通信状态

网络连接状态

| 串口 | 工作模式 | IP1 | IP2 | IP3 | IP4 | IP5 | IP6 | IP7 | IP8 |
|----|------------|-----|-----|-----|-----|-----|-----|-----|-----|
| 1 | TCP Server | | | | | | | | |
| 2 | TCP Server | | | | | | | | |
| 3 | TCP Server | | | | | | | | |
| 4 | TCP Server | | | | | | | | |

刷新

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串口通信状态
设备管理

串口通信状态

| 串口 | Tx Count | Rx Count | Tx Total | Rx Total |
|----|----------|----------|----------|----------|
| 1 | 0 | 0 | 0 | 0 |
| 2 | 0 | 0 | 0 | 0 |
| 3 | 0 | 0 | 0 | 0 |
| 4 | 0 | 0 | 0 | 0 |

刷新 清零

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恢复出厂
端口重启
系统重启

固件升级

警告：升级操作将中断所有通讯，升级过程请勿切断设备电源以免设备损坏！

请选择文件： 未选择文件。

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工作模式

恢复出厂设置

警告：恢复出厂设置将清除所有配置，请谨慎操作！

请按“恢复出厂设置”按钮，以恢复设备的出厂默认设置。

状态查询
设备管理
固件升级
恢复出厂
端口重启
系统重启

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恢复出厂
端口重启
系统重启

端口重启

警告：重启端口操作会重新初始化所选端口的配置参数，中断串口通信和以太网连接，未传输完毕的数据可能丢失！

确认要重启端口请按“重启”按钮。

选择串口：

- 系统首页
- 系统设置
- 串口设置
- 工作模式
- 状态查询
- 设备管理
- 固件升级
- 恢复出厂
- 端口重启
- 系统重启

系统重启



确认要重启设备请按“重启”按钮。

警告：重启操作会丢弃所有没有保存的配置参数更改，中断串口通信和以太网连接，未传输完毕的数据可能会丢失！

重启

1 , () , ,LAN ,ACT(10M
 , ,100M)
 2 ,
 3 ()
 4 , IP : , con ole
 IP.

1 , ping
 2
 3
 4 COM

1
 2 [] [connec ed o 0 from 1] IP
 3 [] [connec ed o 0 from 1]

1 re e 5 RUN 1
 admin admin IP 192.168.1.125

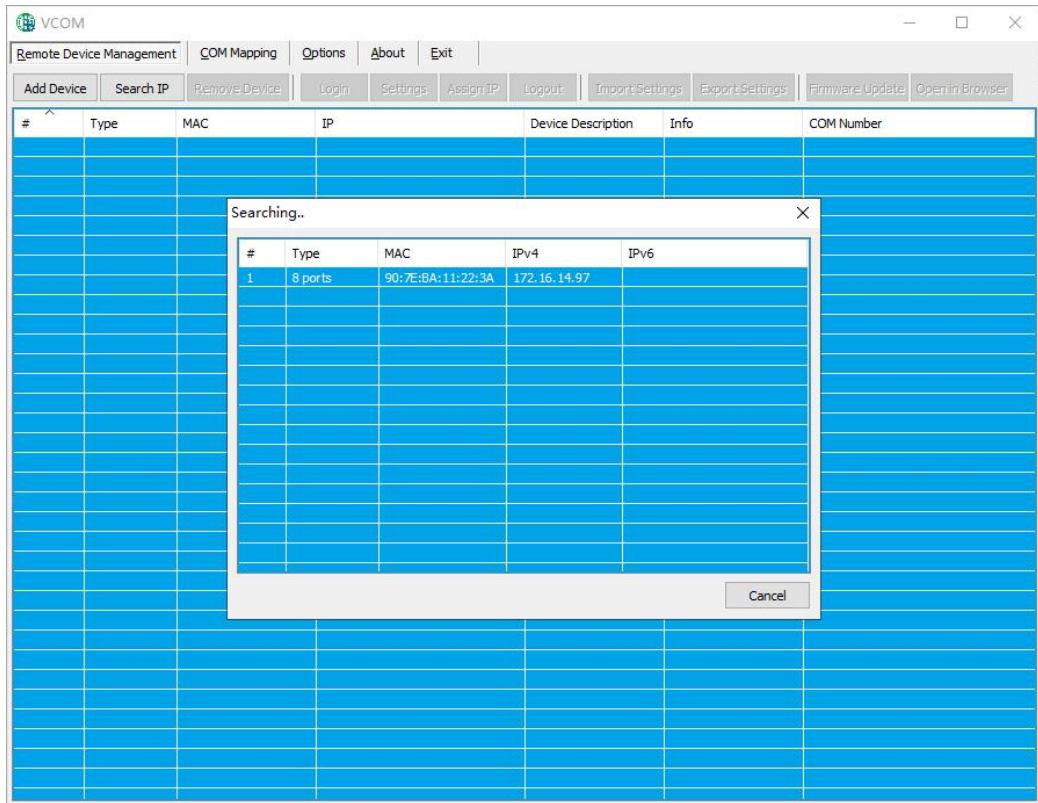
1 , 485
 2 ()
 3
 4 , , ,

1 PC [] [TCP]
 2 [] [] [none]

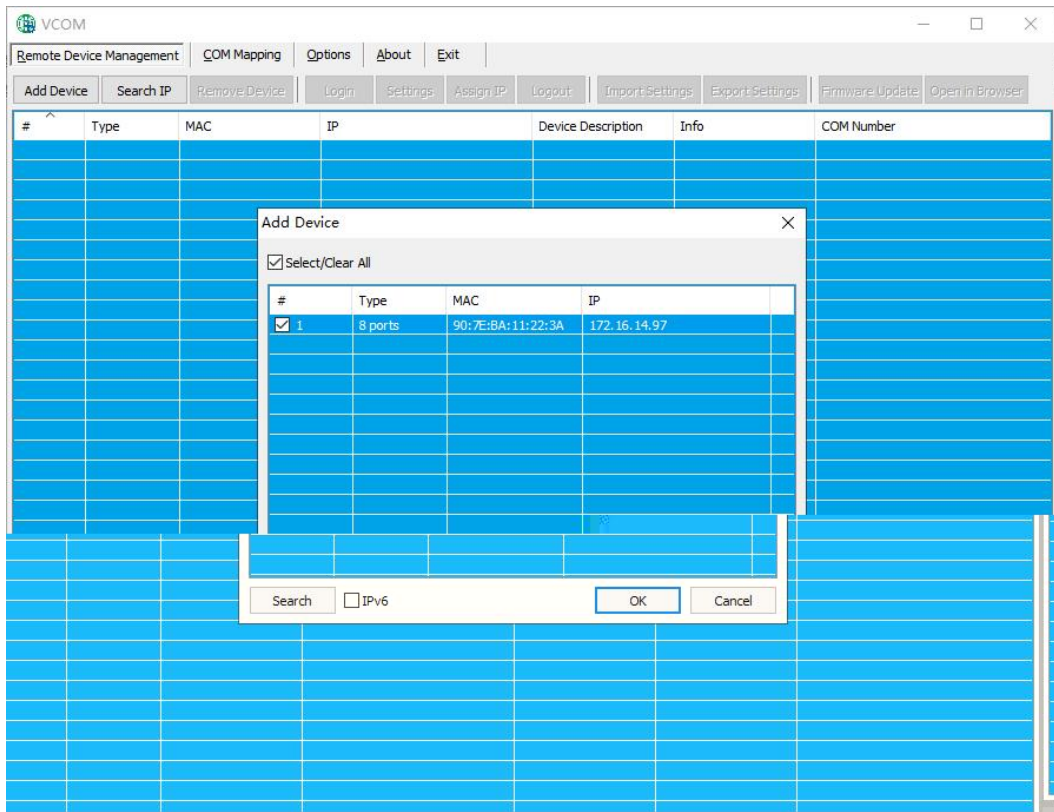
1

| | | | | |
|------------------------|-------------|-------|---|---------------|
| MCP&VCOM->VCOM Mode | M | VCOM | 1 | remo e de ice |
| Managemen ->Add De ice | UT-680XMT-I | IP | 2 | Search |
| UT-680XMT-I | IP | , 3 ; | 3 | cancel |
| , n | | | 4 | |

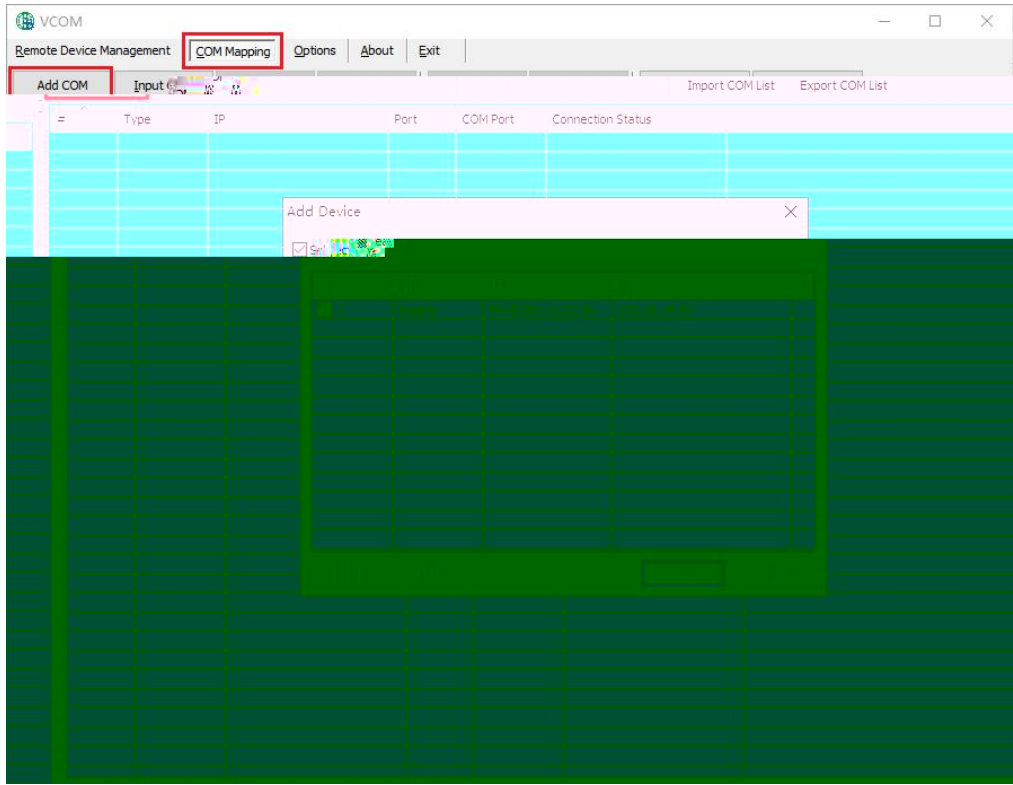
2



3



4



| # | Type | IP | Port | COM Port | Connection Status |
|---|---------|--------------|------|----------|-------------------|
| 1 | 8 ports | 172.16.14.97 | 1 | COM2 | N/A |
| 2 | 8 ports | 172.16.14.97 | 2 | COM3 | N/A |
| 3 | 8 ports | 172.16.14.97 | 3 | COM5 | N/A |
| 4 | 8 ports | 172.16.14.97 | 4 | COM6 | N/A |
| 5 | 8 ports | 172.16.14.97 | 5 | COM7 | N/A |
| 6 | 8 ports | 172.16.14.97 | 6 | COM8 | N/A |
| 7 | 8 ports | 172.16.14.97 | 7 | COM9 | N/A |
| 8 | 8 ports | 172.16.14.97 | 8 | COM10 | N/A |

2

VCOM

COM Mapping

Remove COM

| # | Type | IP | Port | COM Port | Connection Status |
|---|---------|--------------|------|----------|-------------------|
| 1 | 8 ports | 172.16.14.97 | 1 | COM2 | N/A |
| 2 | 8 ports | 172.16.14.97 | 2 | COM3 | N/A |
| 3 | 8 ports | 172.16.14.97 | 3 | COM5 | N/A |
| 4 | 8 ports | 172.16.14.97 | 4 | COM6 | N/A |
| 5 | 8 ports | 172.16.14.97 | 5 | COM7 | N/A |
| 6 | 8 ports | 172.16.14.97 | 6 | COM8 | N/A |
| 7 | 8 ports | 172.16.14.97 | 7 | COM9 | N/A |
| 8 | 8 ports | 172.16.14.97 | 8 | COM10 | N/A |

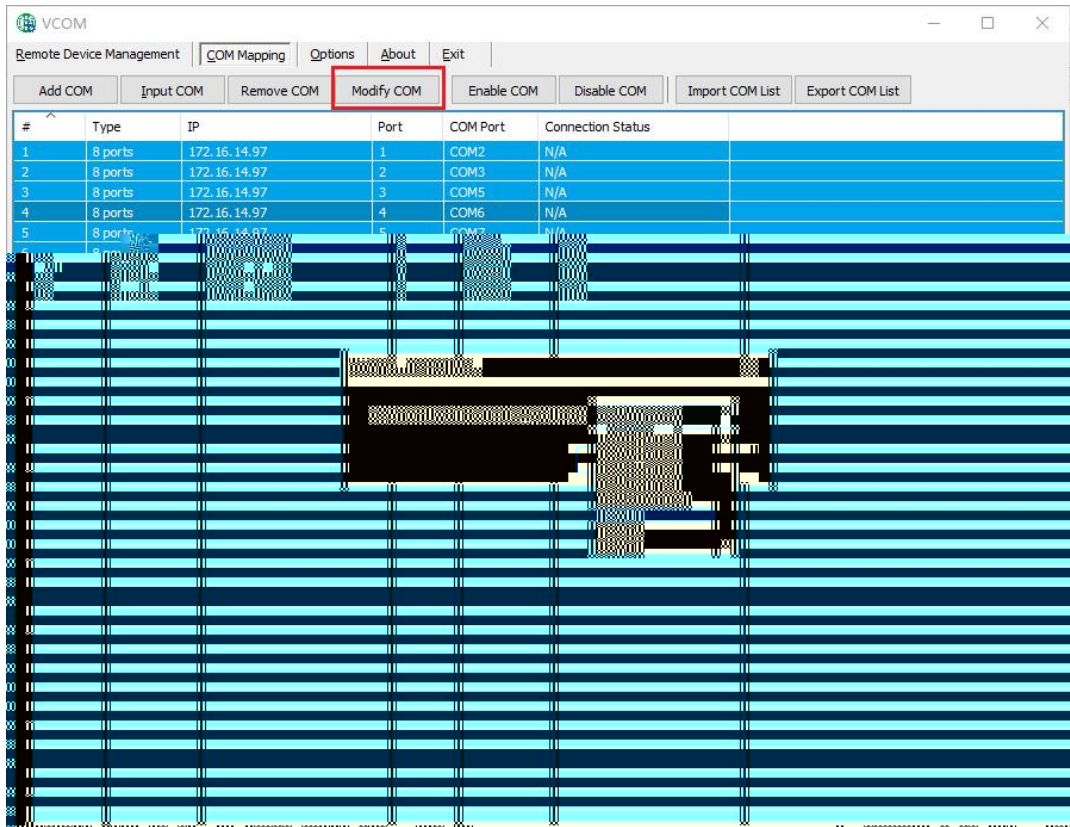
3

VCOM

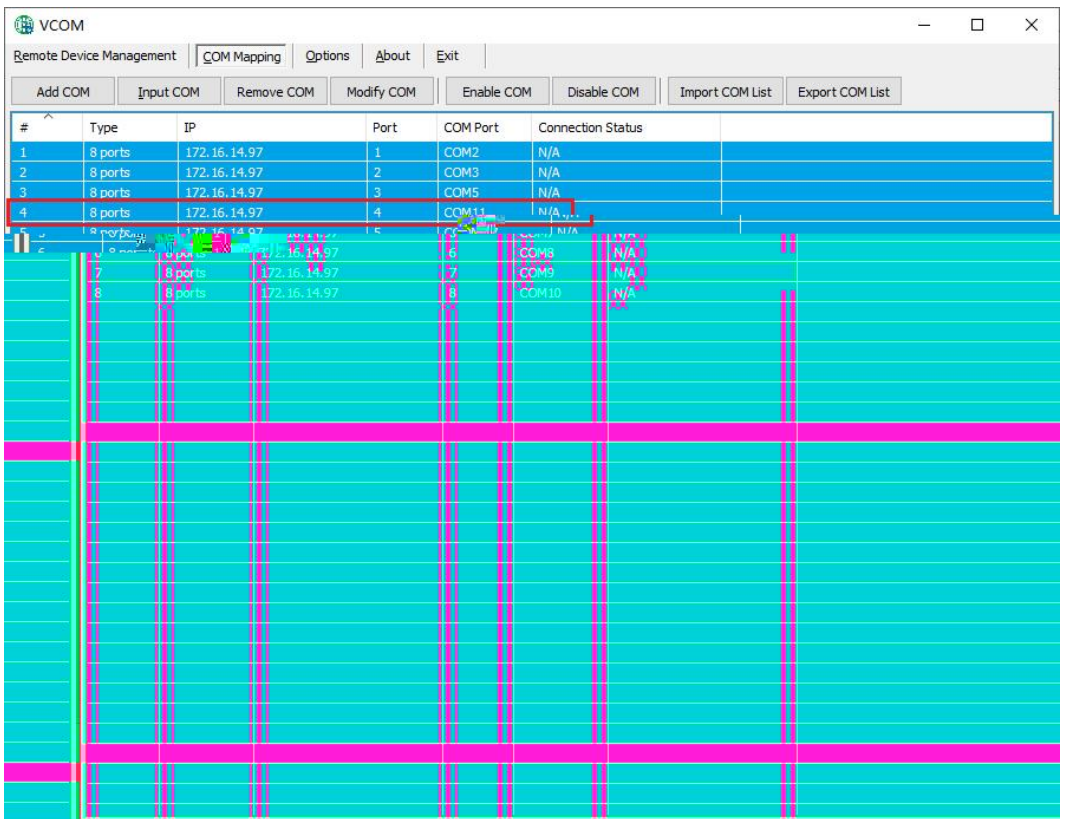
COM Mapping

Modif COM

1 COM6 Por 4 COM6 COM11 2



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2

4

VCOM

COM Mapping

Enable COM

| # | Type | IP | Port | COM Port | Connection Status |
|---|---------|--------------|------|----------|-------------------|
| 1 | 8 ports | 172.16.14.97 | 1 | COM2 | N/A |
| 2 | 8 ports | 172.16.14.97 | 2 | COM3 | N/A |
| 3 | 8 ports | 172.16.14.97 | 3 | COM5 | N/A |
| 4 | 8 ports | 172.16.14.97 | 4 | COM11 | N/A |
| 5 | 8 ports | 172.16.14.97 | 5 | COM7 | N/A |
| 6 | 8 ports | 172.16.14.97 | 6 | COM8 | N/A |
| 7 | 8 ports | 172.16.14.97 | 7 | COM9 | N/A |
| 8 | 8 ports | 172.16.14.97 | 8 | COM10 | N/A |

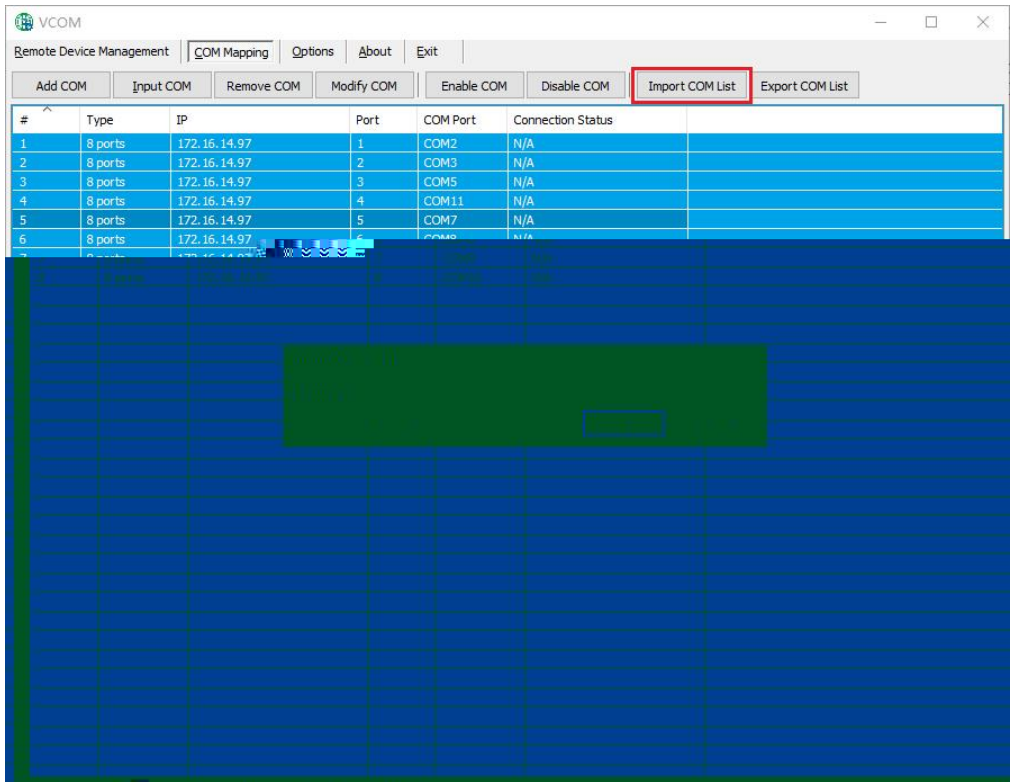
5

VCOM

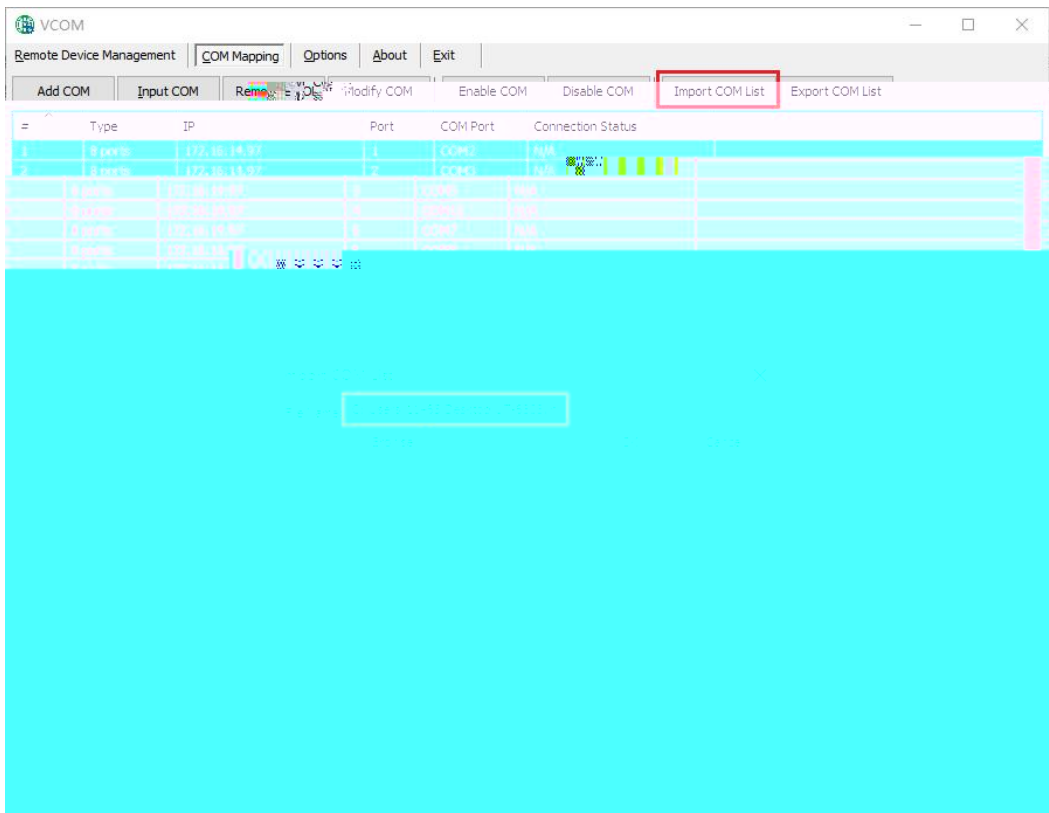
COM Mapping

Disable COM

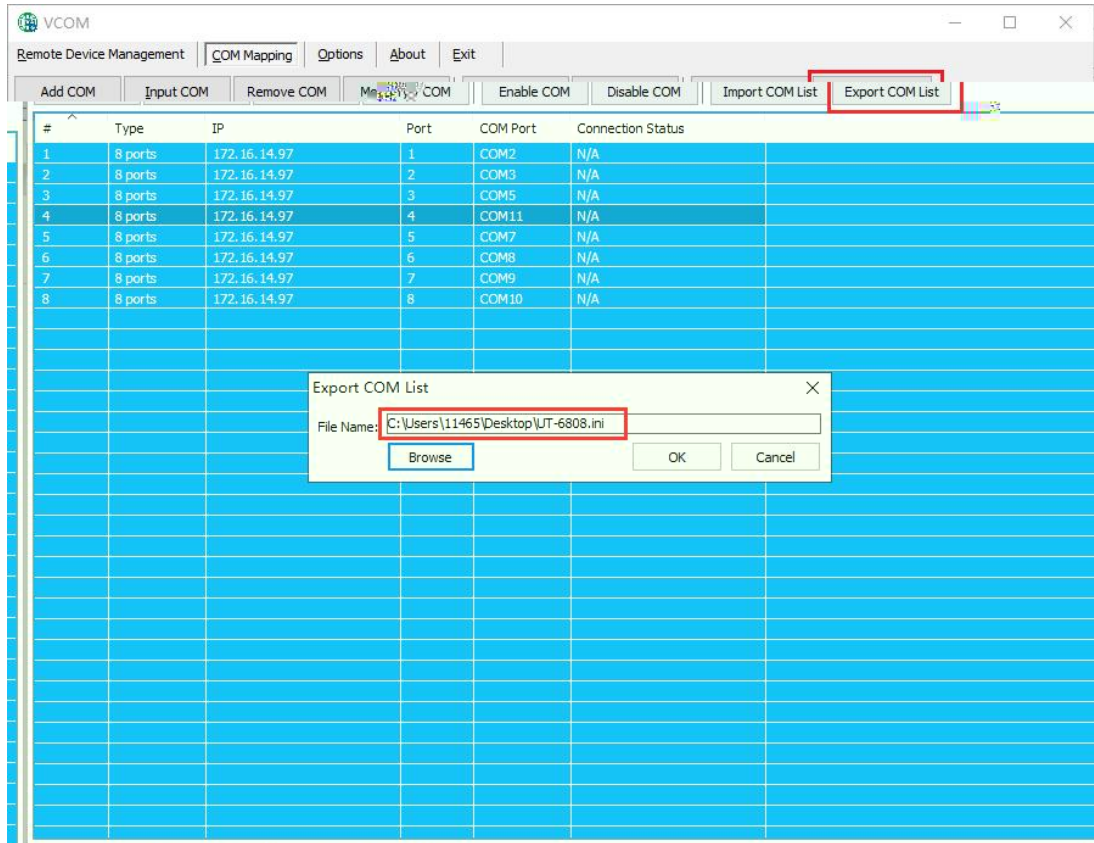
VCOM COM Mapping Import COM Li 1 Bro e
 2 OK 3



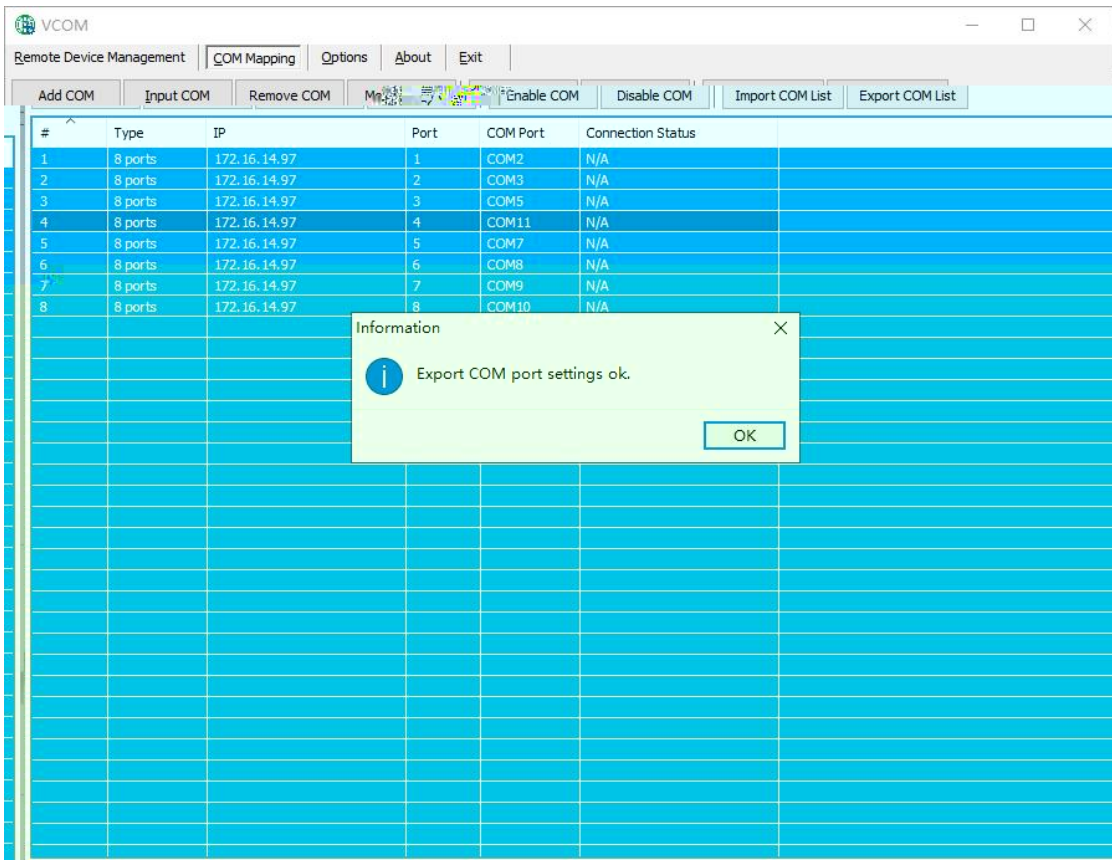
1



2



1



2

VCOM

The screenshot shows the VCOM software interface with the 'COM Mapping' tab selected. The table below lists the configured COM ports.

| # | Type | IP | Port | COM Port | Connection Status |
|---|---------|--------------|------|----------|-------------------|
| 1 | 8 ports | 172.16.14.97 | 1 | COM2 | N/A |
| 2 | 8 ports | 172.16.14.97 | 2 | COM3 | N/A |
| 3 | 8 ports | 172.16.14.97 | 3 | COM5 | N/A |
| 4 | 8 ports | 172.16.14.97 | 4 | COM11 | N/A |
| 5 | 8 ports | 172.16.14.97 | 5 | COM7 | N/A |
| 6 | 8 ports | 172.16.14.97 | 6 | COM8 | N/A |
| 7 | 8 ports | 172.16.14.97 | 7 | COM9 | N/A |
| 8 | 8 ports | 172.16.14.97 | 8 | COM10 | N/A |

Abo

The screenshot shows the VCOM software interface with the 'COM Mapping' tab selected. The table below lists the configured COM ports. A watermark is visible in the lower right quadrant of the image.

| # | Type | IP | Port | COM Port | Connection Status |
|---|---------|--------------|------|----------|-------------------|
| 1 | 8 ports | 172.16.14.97 | 1 | COM2 | N/A |
| 2 | 8 ports | 172.16.14.97 | 2 | COM3 | N/A |
| 3 | 8 ports | 172.16.14.97 | 3 | COM5 | N/A |
| 4 | 8 ports | 172.16.14.97 | 4 | COM11 | N/A |
| 5 | 8 ports | 172.16.14.97 | 5 | COM7 | N/A |
| 6 | 8 ports | 172.16.14.97 | 6 | COM8 | N/A |
| 7 | 8 ports | 172.16.14.97 | 7 | COM9 | N/A |
| 8 | 8 ports | 172.16.14.97 | 8 | COM10 | N/A |

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