

Content of Paircom.ini

//[COM1]

/ip=1,10.0.9.245

/data_port=1,10001

/cmd_port=1,10000

/com=1,115200,N,8,1

/reconntime=40000

/cmd_timeout=1,30000

//[DHCP]

/dhcp=1

//[UDP_SEARCH]

/udpsearch=1

//[Web Server]

/enableweb=1

The detailed description

/ip=1,10.0.9.245 (1: Local COM port)

/data_port=1,10001 (1: Remote COM port)

→ Pair connection application needs a module acted as TCP server (Remote side) and a module acted as TCP client (Local side). Paircom.ini is the setting file on the client side.

The two command lines above means that the IP address of TCP server is 10.0.9.245 which is connected for the TCP client, and the COM mapping is the COM1 of the TCP client mapped to the COM1 of the TCP server. 10001 is a TCP port for the pair connection application.

The corresponding mappings of TCP port and COM port are

TCP port		COM port
10001	indicates	1
10002	indicates	2
...		
10008	indicates	8

/cmd_port=1,10000

→ Command port is used for the connection that TCP client check whether the TCP server still alive.

/com=1,115200,N,8,1

→ The format of COM1 on local side (TCP client) is set to 115200, N, 8, 1.

/reconntime=40000

→The time interval is used for the TCP client module check whether the TCP server still alive (Default 20000 ms).

/cmd_timeout=1,30000

→The time interval is used for the TCP client module check whether the TCP server still alive (Default 10000 ms).

```
//[DHCP]
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/dhcp=1
```

The module is allowed to obtain the dynamical IP address from the DHCP server.

You can check the 7-segment LED display as follow.

11111

1. xxx

2. xxx

3.xxx

4.xxx

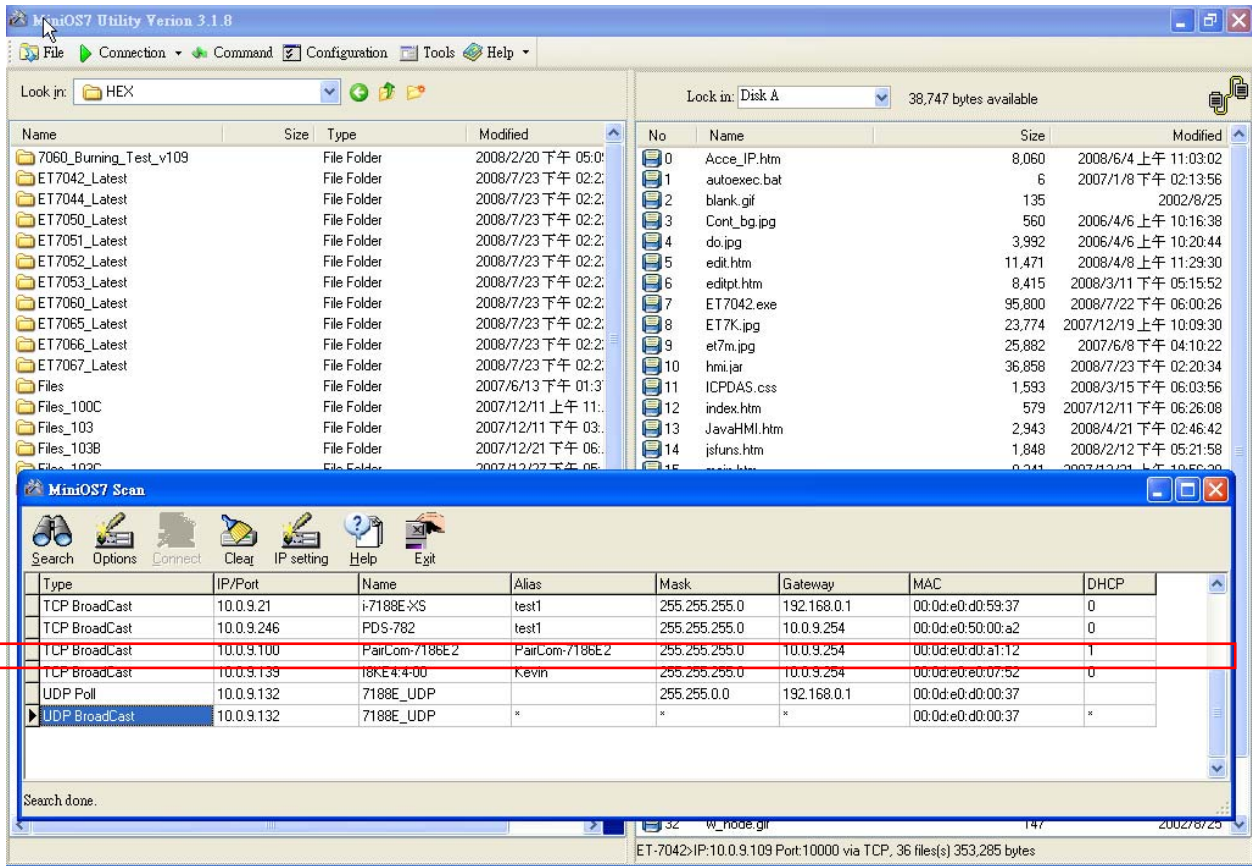
1.0000

Dhcp.1 → Enable DHCP, if show Dhcp.0, it means DHCP function disabled.

//[UDP_SEARCH]

/udpsearch=1

Enable the UDP search function. The MiniOS7 utility can find the module with udp search function set to 1 shown as follow.



//[Web Server]

/enableweb=1

The function allows the module can be linked by the web browser.

The screenshot shows a Windows Internet Explorer browser window displaying the PairCom-7186E2 Setup Page. The address bar shows the URL http://10.0.9.100/. The page content is as follows:

PairCom-7186E2 Setup Page

Device Information	
Module name :	PairCom-7186E2
Firmware version :	v2.0.3[Oct 22 2007]

Network Setting	Current	New
IP Address	10.0.9.100	10.0.9.114
Subnet Mask	255.255.255.0	255.255.255.0
Gateway	10.0.9.254	10.0.9.254

COM Port Setting				
COM1:115200,8,N,1				
Port	Baud rate	Data bits	Parity	Stop bits
COM1	115200	8	None	1

Reset System
!!! IP/MASK/GATEWAY changes take affect after system is reset !!!
SET TCP/IP and COM PORT