

Limited AP Test

(WizFi 210 Application Notes)



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1. Limited AP Configuration

First, you should issue the commands to the WizFi210 as below.

```
AT+WD
[OK]
AT+WM=2
[OK]
AT+WAUTH=1
[OK]
AT+WWEK=1234567890
[OK]
AT+NDHCP=0
[OK]
AT+NSET=192.168.55.1,255.255.255.0,192.168.55.1
[OK]
AT+WA=LimitedAP,,8
      IP      SubNet      Gateway
192.168.55.1: 255.255.255.0: 192.168.55.1
[OK]
AT+DHCPST=1
[OK]
AT+NAUTO=1,1,,5000
[OK]
ATA2
[OK]
█
```

- SSID : LimitedAP
- Channel : 8
- IP Address : 192.168.55.1/255.255.255.0
- WEP Key : 1234567890
- Serial-to-WiFi Channel : TCP Server/Port 5000

Of course, you don't have to use WEP key.

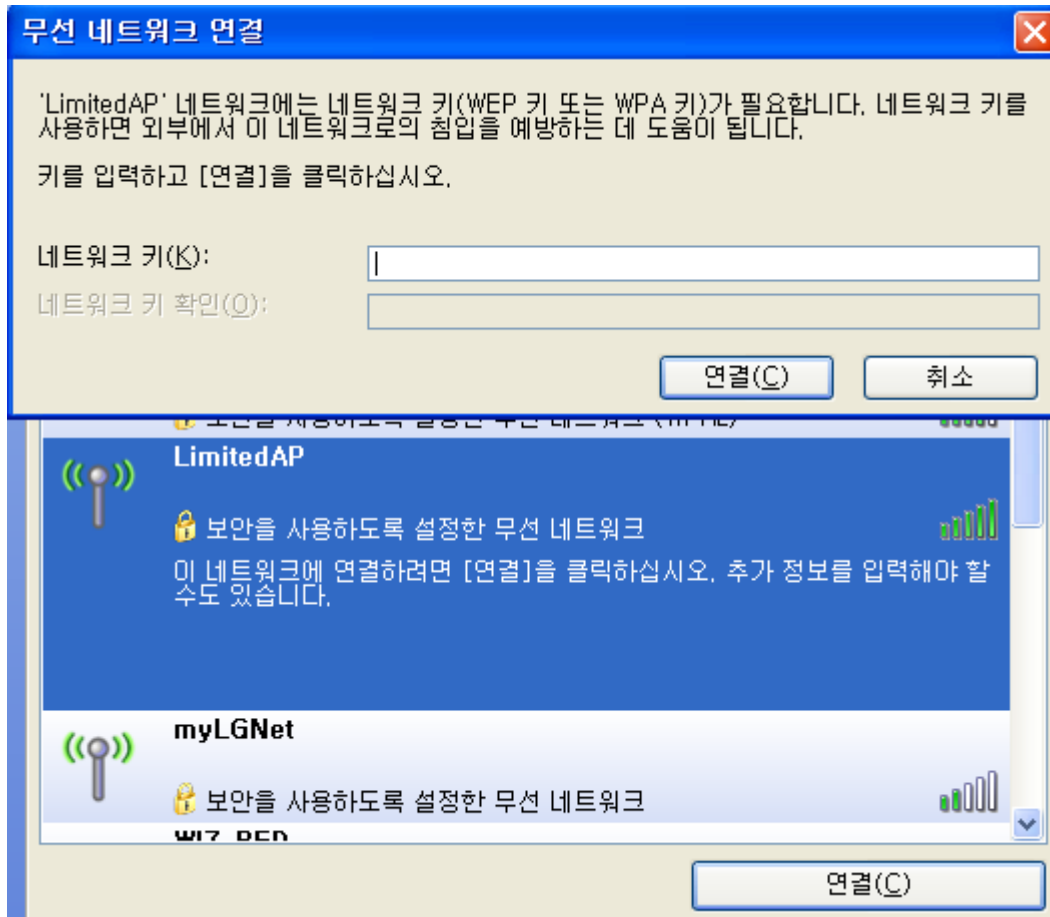
2. Site survey(Scan APs)

Search for the access point, and connect to the WizFi210(SSID:LimitedAP).



3. Enter the WEP Key

Enter the WEB key(1234567890) as below.



4. Verify PC network

Issue the “ipconfig” command in your pc.

And, you can verify that your pc acquire IP address from the WizFi210.

```
Connection-specific DNS Suffix . :  
IP Address. . . . . : 192.168.55.2  
Subnet Mask . . . . . : 255.255.255.0  
Default Gateway . . . . . : 192.168.55.1  
C:\>
```

5. Connect to the Serial-to-WiFi Channel

Now, your PC can connect to the Wizfi210 with TCP Client program.

And, you can test the serial-to-wifi data transfer.

```
Trying 192.168.55.1 (PORT:5000)...  
Connected to 192.168.55.1...  
This data is from serial.
```