TOTOLINK (A2004NS)
無線路由器使用說明

HKBN_SETUP_ROUTER_TOTOLINK_160415

1 認識 TOTOLINK (A2004NS) 路由器

A. 技術規格 - 周邊連接和擴充

USB 指示燈

LAN 指示燈

WAN 指示燈
5G 指示燈
2.4G 指示
CPU 指示燈
電源指示燈

WPS 按鈕

電源　重置　USB　　　WAN 連接埠　　LAN 連接埠
　　　按鈕　連接埠
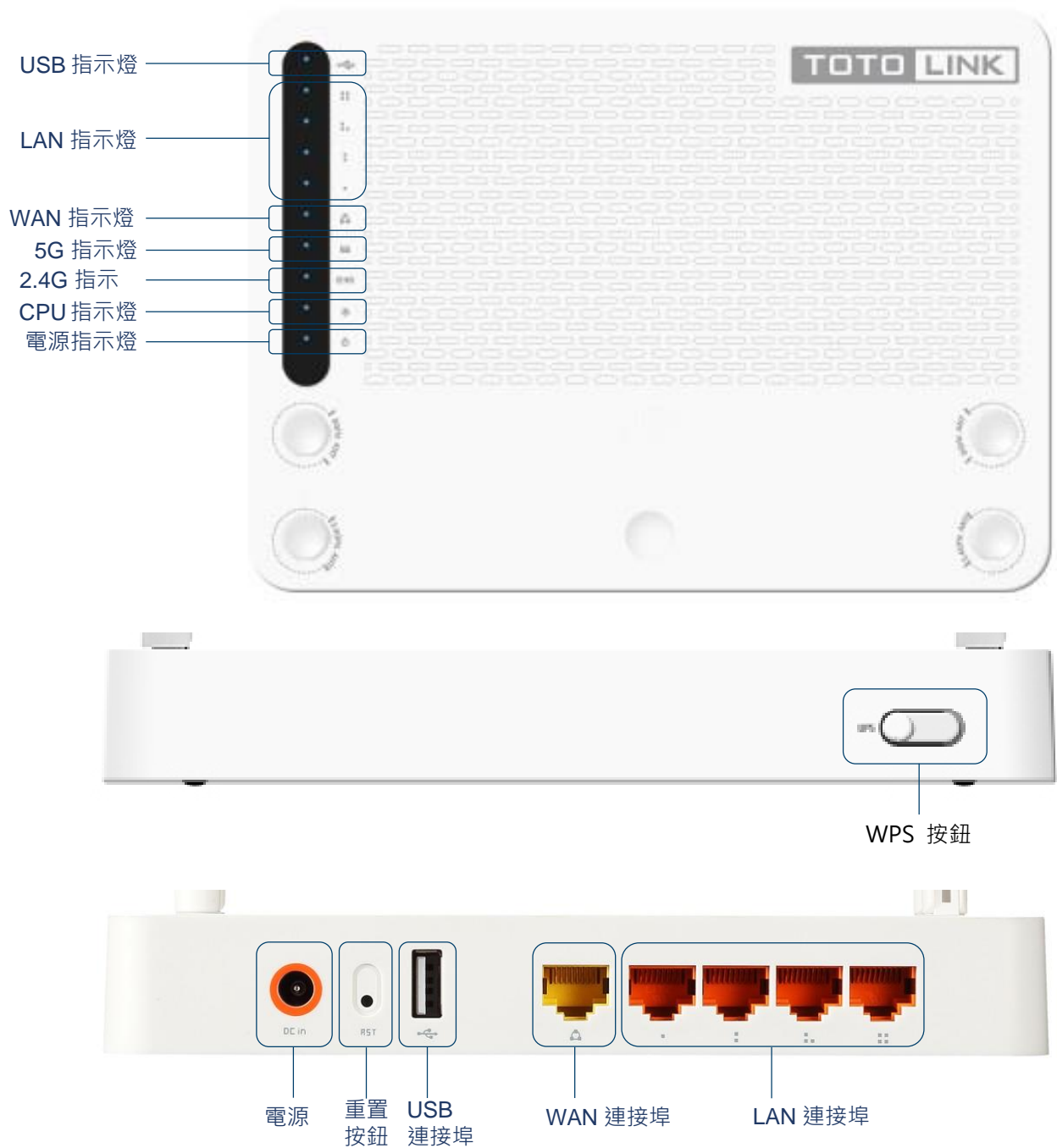
1 認識 TOTOLINK (A2004NS) 路由器

B. 基本電腦系統要求 (bb500/ FibreHome500/ bb1000/ FibreHome1000)

為確保閣下能享受穩定的寬頻速度，本公司建議客戶可參考以下之基本電腦系統要求

中央處理器	Intel Core2 Duo P8700/2.5 (3 GHz 或以上)
記憶體	4GB 或以上
硬碟	64GB SATA II SSD(讀寫速度至少需要 200MB/s)固態硬碟
網絡卡	100/1000M 以太網絡卡

2 首次接駁 TOTOLINK (A2004NS)無線路由器

首先，將數據線的一邊連接到牆身插座，另一邊則連接到 TOTOLINK (A2004NS) 無線路由器的 WAN 連接埠；接著，將無線路由器的 LAN 任何一個連接埠接駁至電腦的 LAN 連接埠，開啟電腦及路由器的電源。

開啟網頁瀏覽器，於網址列輸入 [http://192.168.1.1]後按[Enter]。

選擇[Internet Wizard] 開始設定。

首次登入，在「名稱」及「密碼」輸入[admin]，按[登入]。

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點選 [Manual Internet configuration]後按[Next]。

Internet Configuration Wizard
How to configure the Internet ?

○ Automatic Internet configuration
Wizard will search Internet connection type automatically.
DHCP or PPPoE modem can be detected.

◉ Manual Internet configuration
User should configure Internet configuration.

Next >

點選 [DHCP method]，然後按 [Next]。

Choose one of Internet connection types ?

◉ **DHCP method**
Cable, VDSL, ADSL and direct LAN service use this method typically
IP address is assigned by DHCP server.
○ **PPPoE**
ADSL service uses this method.
PPPoE protocol will be used.
User ID and Password from ISP are needed for this method.
○ **Static IP**
IP confiugrations are assigned from ISP statically.
Use the IP address, subnet mask, gateway and DNS from ISP.

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點選[No MAC clone] 及剔選[Allow a private internt IP address]，按 [Next]。

DHCP method
Use DHCP protocol to connect internet.

Recommend to set the MAC address of PC which was connected to internet before.

○ Automatic MAC clone
○ Set the MAC address manually

　　[ ]-[ ]-[ ]-[ ]-[ ]-[ ]
　　　Set the MAC address of PC connected to modem before using router.
● No MAC clone

☑ Allow a private internet IP address

< Prev 　 Next >

按[Save and Close]。

Internet is configured.

Configuration Summary

Connection Type　　　　　　**Cable modem (DHCP)**
MAC Address of Internet(WAN) port No change
Private IP　　　　　　　　　Allow

Click 'Save and Close' button to save a current configuration
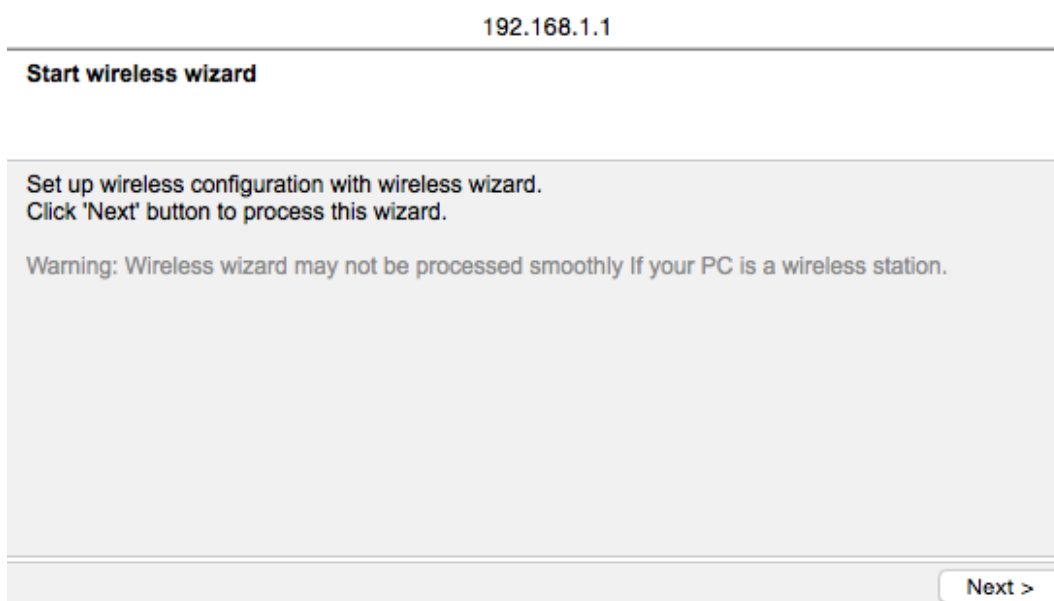
< Prev 　 Save and Close

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然後，於主選項選擇[Wireless Wizard]。

按[Next]。

2 首次接駁 TOTOLINK (A2004NS)無線路由器

建議選擇地區為[Others]，然後按[Next]。

Select Country - 2.4GHz Wireless
Please, choose your country region.

The channels that are available for use in a particular country differ according to the regulations of that country
Select country and then click 'Next' button

```
    Europe
    China
    USA,Canada
  ✓ Others
```

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TOTOLINK (A2004NS)路由器支持 2.4GHz 及 5GHz 兩種速率的無線網絡，先為 2.4GHz 速率的無線網絡，於[SSID]輸入自訂無線網絡名稱，按一下[Check SSID]確認可以使用該自訂名稱，按[Next]。

Set SSID - 2.4GHz Wireless

SSID serves to uniquely identify a group of wireless network devices,
so we recommend that SSID is not duplicate with other devices.

click 'Check SSID' button to check your SSID
After SSID check is done, click 'Next' butoon.
*The same SSID may be availiabe in a particular case.

SSID   `Wi-Fi Name 2.4G`   `Check SSID`

This SSID is available.

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2 首次接駁 TOTOLINK (A2004NS)無線路由器

按[Search best channel]，待完成搜尋後，點選其中一個被評為[Best channel] 或[Available]
的頻道，按[Next]。

Wireless Channel Setup - 2.4GHz Wireless
Select a best channel after searching

After a best channel is searched, click 'Next' button.

* You can also select other channel manually.   Search best channel

Channel 4 (2.427 GHz,Lower,40 MHz) (Avaliable)

Channel 5 (2.432 GHz,Lower,40 MHz) (Avaliable)

Channel 5 (2.432 GHz,Upper,40 MHz) (Avaliable)

< Prev   Next >

確認設定資料正確後按[Next]。

Confirm the Settings - 2.4GHz Wireless

Confirm the followings.

Region	Others
Channel	**Channel 4** (2.427 GHz,Lower,40 MHz)
SSID	Wi-Fi Name 2.4G

To set up a wireless security, click a 'Next' button.

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2 首次接駁 TOTOLINK (A2004NS)無線路由器

設定無線網路安全選項，選擇[WPAPSK/WPA2PSK]，按[Next]。

Wireless Security Setup - 2.4GHz Wireless
Select Wireless Security method.

⦿ **WPAPSK/WPA2PSK**
   WPA implements the majority of the IEEE 802.11i standard, and was intended as an intermediate measure to take the place of WEP while 802.11i was prepared.

◯ **WEP**
   A security protocol, specified in the IEEE 802.11 standard, that attempts to provide a wireless LAN with a minimal level of security.

◯ **No Wireless Security**
   It can be cracked with readily available software within minutes.
◯ **Keep a current wireless security**

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選擇[AES]，按[Next]。

WPAPSK - 2.4GHz Wireless
Select a cryptography

⦿ **AES**
   It's more stronger cryptography than TKIP.
   It isn't available in some wireless LAN card.

◯ **TKIP**
   TKIP was designed to replace WEP without replacing legacy hardware.
   It is available in most wireless LAN card.

Select a cryptography, and then click 'Next' button.

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2 首次接駁 TOTOLINK (A2004NS)無線路由器

於[Network Key] 及[Confirm the Network key]輸入自訂無線網絡密碼(需要超過 8 個字元)，按
[Next]。

Enter the network key. - 2.4GHz Wireless

Network Key	••••••••••••
Confirm the Network key	••••••••••••

Network key should be more than 8 characters.

Input a network key, and then click 'Next' button.

< Prev   Next >

確認 2.4GHz 速率的無線網路設定資料正確，按[Apply and Set 5GHz Wireless Network]。

Confirm the Settings - 2.4GHz Wireless

Confirm the followings.

Region	Others
Channel	**Channel 4** (2.427 GHz,Lower,40 MHz)
SSID	Wi-Fi Name 2.4G
Wireless Security	WPAPSK/WPA2PSK
Authentication Type	AES(CCMP)

All configuration values will be applied in system by clicking a 'Finish' button.

< Prev   Apply and Set 5GHz Wireless Network

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2 首次接駁 TOTOLINK (A2004NS)無線路由器

開始為 5GHz 速率的無線網絡進行設定，建議選擇地區為[Others]，然後按[Next]。

Select Country - 5GHz Wireless
Please, choose your country region.

The channels that are available for use in a particular country differ according to the regulations of that country
Select country and then click 'Next' button

Europe
China
USA,Canada
✓ Others

< Prev   Next >

於[SSID]輸入自訂 5GHz 速率的無線網絡名稱，按一下[Check SSID]確認可以使用該自訂名稱，按[Next]。

Set SSID - 5GHz Wireless

SSID serves to uniquely identify a group of wireless network devices,
so we recommend that SSID is not duplicate with other devices.

click 'Check SSID' button to check your SSID
After SSID check is done, click 'Next' butoon.
*The same SSID may be availiabe in a particular case.

SSID   Wi-Fi Name 5G   Check SSID
This SSID is available.

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2 首次接駁 TOTOLINK (A2004NS)無線路由器

按[Search best channel]，待完成搜尋後，點選其中一個被評為[Best channel] 或[Available]的頻道，按[Next]。

Wireless Channel Setup - 5GHz Wireless
Select a best channel after searching

After a best channel is searched, click 'Next' button.

* You can also select other channel manually.   Search best channel

Channel 48 (5.240 GHz,Upper,40 MHz) (Avaliable)

Channel 52 (5.260 GHz,Lower,40 MHz) **Best channel**

Channel 56 (5.280 GHz,Upper,40 MHz) (Avaliable)

< Prev   Next >

確認設定資料正確後按[Next]。

Confirm the Settings - 5GHz Wireless

Confirm the followings.

Region	Others
Channel	**Channel 52** (5.0 GHz,Lower,40 MHz)
SSID	Wi-Fi Name 5G

To set up a wireless security, click a 'Next' button.

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2 首次接駁 TOTOLINK (A2004NS)無線路由器

設定無線網路安全選項,選擇[WPAPSK/WPA2PSK],按[Next]。

Wireless Security Setup - 5GHz Wireless
Select Wireless Security method.

○ **WPAPSK/WPA2PSK**
WPA implements the majority of the IEEE 802.11i standard, and was intended as an intermediate measure to take the place of WEP while 802.11i was prepared.

○ **WEP**
A security protocol, specified in the IEEE 802.11 standard, that attempts to provide a wireless LAN with a minimal level of security.

○ **No Wireless Security**
It can be cracked with readily available software within minutes.
○ **Keep a current wireless security**

< Prev   Next >

選擇[AES],按[Next]。

WPAPSK - 5GHz Wireless
Select a cryptography

○ **AES**
It's more stronger cryptography than TKIP.
It isn't available in some wireless LAN card.

○ **TKIP**
TKIP was designed to replace WEP without replacing legacy hardware.
It is available in most wireless LAN card.

Select a cryptography, and then click 'Next' button.

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2 首次接駁 TOTOLINK (A2004NS)無線路由器

於[Network Key] 及[Confirm the Network key]輸入自訂無線網絡密碼(需要超過 8 個字元)，按 [Next]。

Enter the network key. - 5GHz Wireless

Network Key	••••••••••
Confirm the Network key	••••••••••

Network key should be more than 8 characters.

Input a network key, and then click 'Next' button.

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確認 5GHz 速率的無線網路設定資料正確，按 [Finish] 結束安裝程式。

Confirm the Settings - 5GHz Wireless

Confirm the followings.

Region	Others
Channel	**Channel 52** (5.0 GHz,Lower,40 MHz)
SSID	Wi-Fi Name 5G
Wireless Security	WPAPSK/WPA2PSK
Authentication Type	AES(CCMP)

All configuration values will be applied in system by clicking a 'Finish' button.

< Prev   Finish

3 由其他公司轉用香港寬頻服務

開始更改無線網絡的設定前， 請確認已以 LAN 連接線連接牆身插座/光纖網絡終端機、 TOTOLINK (A2004NS) 路由器及電腦。

開啟網頁瀏覽器，於網址列輸入 [http://192.168.1.1]後按[Enter]。

選擇[Setup Tool] 開始設定。

登入路由器，輸入「名稱」及「密碼」為預設的[admin]，按[登入]。
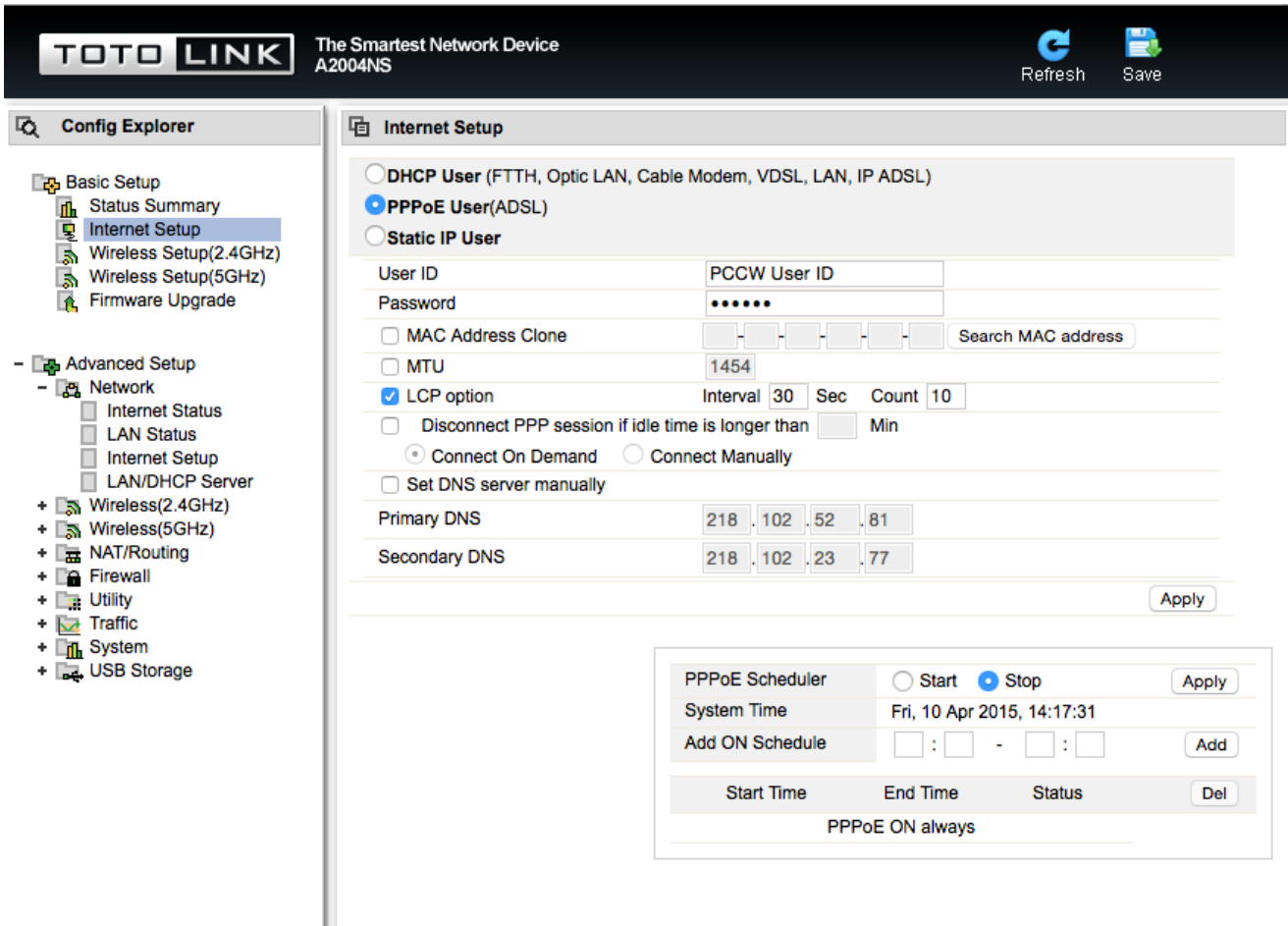
3 由其他公司轉用香港寬頻服務

進入路由器[Status Summary]頁面，選擇[Internet Setup]。

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3 由其他公司轉用香港寬頻服務

點選 [DHCP User]，剔選[Allow private IP]及[Restart DHCP client if the physical WAN link is reconnected.]，然後按 [Apply]。

確認更改設定，按[好]/[確認]。
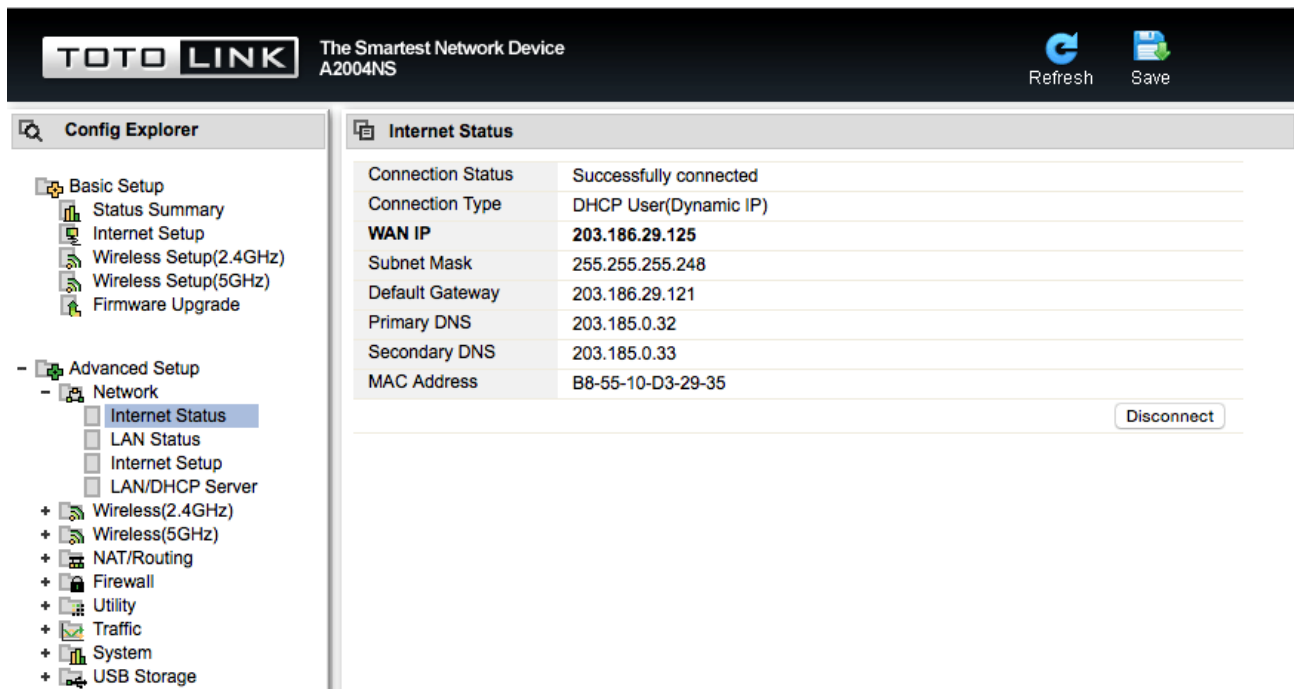
3 由其他公司轉用香港寬頻服務

於[Advanced Setup]的下拉選單中選擇[Internet Status]，然後確認[Connection Type]已更改為[DHCP User (Dynamic IP)]，按右上角的[Save]。

按[好]/ [確認]儲存設定。

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4 **TOTOLINK (A2004NS)無線路由器預設重置**

如不能登入 TOTOLINK(A2004NS)路由器的設定版面,閣下可使用重置按鈕恢復路由器至出廠
預設。當完成重置後,所有設定都將恢復成預設值。

1. 確認 TOTOLINK(A2004NS)路由器已連接電源及開啟。
2. 用尖銳物件按住重置按鈕約十秒,直到看到路由器機面所有指示燈(LED)開始快速閃爍,
   放開重置按鈕後等待路由器重新啟動即可再次設定。

3. 出廠預設值:

使用者名稱 / 密碼	IP 位址
admin / admin	192.168.1.1

TOTOLINK A2004NS - 重置按鈕在電源插座右邊:

重置按鈕

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