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Configuring SAP 3G Modem

- Connect the modem to a computer using a cross-over network cable.
- Connect the modem in a web browser via <http://192.168.1.1> and change the following settings:
- Login to Sapido Router admin/admin

Mobile Hotspot
N+ Mobile 3G Modem Router

Router

Username : admin

Password :

Login

Firstly you should upgrade the firmware to the latest version. Pre v2 will need to be upgraded to v 1.0.22 before v2.

IP Config > Wan Settings – Note: later version of firmware do have slightly different screen to those below.

- APN: Telstra = **telstra.extranet** or Vodafone = **internet**
 - These APN do not have port blocking - check per SIM card
- Check “Enable Ping Access on WAN”.

Mobile Hotspot

Menu

SAPIDO

N+ Mobile 3G Modem Router MB-1112

Router

WAN Setup

This page is used to configure the interface for Internet network. Here you may change the interface to Ethernet port, 3.5G USB dongle or Wireless by click the item value of WAN interface.

WAN Interface: 3.5G

Connect Speed: Auto Switch 2.5G/2.75G only 3G/3.5G only

SIM PIN: None

Retype SIM PIN:

APN: telstra.extranet

User Name:

Password:

PHONE Number: *99#

Attain DNS Automatically

Set DNS Manually

DNS 1:

DNS 2:

DNS 3:

Clone MAC Address: 000000000000

Always

Dial on demand

Idle 0 (0-60 Minutes, if input 0 or no input, it will set to Always mode)

Manual

Enable IGMP Proxy

Enable Ping Access on WAN

Enable Web Server Access on WAN

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- Click *Apply Changes* and wait for reboot.

IP Config > DDNS

- Enter DNS setting obtained from No-IP or other providers
- Check “Enable DDNS”
- Enter Service Provider:, Domain Name: *is unique to each device*, User Name:, Password as below.

Dynamic DNS Setting

Dynamic DNS is a service, that provides you with a valid, unchanged, internet domain name (an URL) to go with that (possibly often changing) IP address.

Enable DDNS

Service Provider : noip << dyndns

Domain Name : fv0030.flashview.it

User Name/Email: flashview

Password/Key:

Note:
For TZO, you can have a 30 days free trial [here](#) or manage your TZO account in [control panel](#)
For DynDNS, you can create your DynDNS account [here](#)

Apply Change Reset

- Click *Apply Changes*.

Wireless > Basic Settings

Check “Disable Wireless LAN Interface” if this applicable to the proposed usage.

Wireless Basic Settings

This page is used to configure the parameters for wireless LAN clients which may connect to your Access Point. Here you may change wireless encryption settings as well as wireless network parameters.

Disable Wireless LAN Interface

Band: 2.4 GHz (B+G+N)

Mode: AP Multiple AP

Network Type: Infrastructure

SSID: SAPIDO_Mobile_Hotspot_c01573

Channel Width: 40MHz

Control Sideband: Upper

Channel Number: 6

Broadcast SSID: Enabled

WMM: Enabled

Data Rate: Auto

Associated Clients: Show Active Clients

Enable Mac Clone (Single Ethernet Client)

Enable Universal Repeater Mode (Acting as AP and client simultaneously)

NAT > Virtual Server

- Configure Port Forwarding – Note Flashview Camera VSPV13M uses 192.168.1.10:88 as default
Tip: If configuring Modem for DVR set the same and configure DVR IP and port as for camera.
- Check “Enable Port Forwarding”.

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- Enter Address:, Protocol: and Public Port Range: as below

The screenshot shows the 'Port Forwarding' configuration page in the Mobile Hotspot interface. The left sidebar contains a menu with options like Router, IP Config, Wireless, NAT, and Firewall. The main content area is titled 'Port Forwarding' and includes an 'Enable Port Forwarding' checkbox (checked), an 'Address' field (192.168.1.10), a 'Protocol' dropdown (Both), and a 'Public Port Range' field (88-88). Below this is a 'Current Port Forwarding Table' with columns for Local IP Address, Protocol, Port Range, Comment, and Select. Buttons for 'Apply Change', 'Reset', 'Delete Selected', 'Delete All', and 'Reset' are visible.

- Apply Changes

Checking and Diagnostics:

- Check Wan Configuration:
 - 3.5GConnected
 - IP Address

3.5G Configurations

- Signal Strength – should be better that 30%

The screenshot shows the '3.5G Configuration' section of the Mobile Hotspot interface. The left sidebar is the same as in the previous screenshot. The main content area displays various configuration parameters for the 3.5G connection, including Firmware Version (Ver1.0.7), Wireless Configuration (Mode: AP, Band: 2.4 GHz (B+G+N), SSID: SAPIDO_Mobile_Hotspot_c81573), LAN Configuration (Attain IP Protocol: Fixed IP, IP Address: 192.168.1.1), WAN Configuration (Attain IP Protocol: 3.5G Connected, IP Address: 123.209.28.68), and 3.5G Configuration (Connect Speed: Auto Switch, Signal Strength: 45%, Network Name: Telstra Mobile).

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Change password if applicable.

The screenshot shows the web interface for a Mobile Hotspot. On the left is a green sidebar menu with options like 'One Button Setup', 'IP Config', 'Wireless', 'NAT', 'Firewall', 'System Management', 'Change Password', 'Upgrade Firmware', 'Profiles Save', 'Time Zone Setting', 'UPnP Setting', 'Language Setting', 'Log and Status', and 'Logout'. The main content area is titled 'Change Password' and contains a warning: 'This page is used to set the account to access the web server of Access Point. Empty user name and password will disable the protection.' Below this are three input fields: 'User Name' (containing 'admin'), 'New Password' (with masked characters), and 'Confirmed Password' (with masked characters). At the bottom of the form are two buttons: 'Apply Change' and 'Reset'.

Note: *How to reset the MB-1112?* Power on MB-1112, wait until STATUS light is permanent on, then use sharp things pigeonhole the Reset button until the STATUS light turn off and on, and then becomes twinkling, now release pressing . STATUS light will turn off and turn twinkling, finally becomes permanent on, than reset is completed.