

# **Smart Bro Device User Guide (ZTE MF30)**

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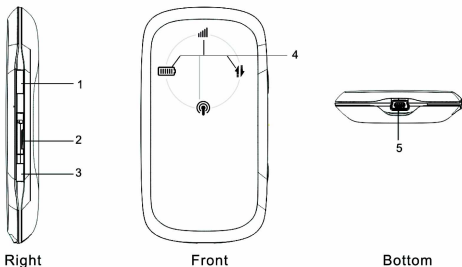
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# I. Overview

## A. Product Overview

The Smart Bro Device is an easy-to-install portable WiFi router for broadband connection that can be shared anytime and anywhere.

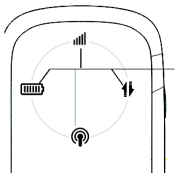


#	Description
1	Power Key
2	Memory card slot
3	WPS - This button used to start <b>Wi-Fi Protected Setup</b> authentication process.
4	Power Indicator
5	Charger / Mini USB port




## B. What's in the Box?

Item	Description
Smart Bro Device	3G Wireless Router
USB Data Cable	The USB Data Cable can be used in charging the device and using it as a modem.
Smart Bro Device Quick Start Guide / User Guide	Guide in setting up the Smart Bro Device

## C. Led Indicators of the Smart Bro Device



Indicator	Status	Description
Battery indication 	Red glittering	Please charge
	Red bright	Voltage of battery is low
	Green glittering	Charging
	Green bright	Voltage of battery is high

<b>Indicator</b>	<b>Status</b>	<b>Description</b>
Signal strength indication 	Red bright	ERROR or NO signal
	Green glittering	Signal is ok
	Green bright	Signal is good
WIFI indication 	Blue glittering	WIFI is active
	Blue bright	WPS is active
Network indication 	RED glittering	2G Modem data transferring
	RED bright	Register on 2G network
	GREEN glittering	3G Modem data transferring,
	GREEN bright	Register on 3G network

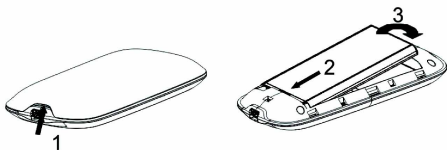
## II. Using the Smart Bro Device

### Setting Up the Smart Bro Device

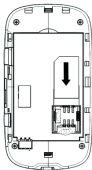
**Note:** Please make sure that the Smart Bro Device is turned OFF before inserting the Smart Bro SIM Card. Inserting the Smart Bro SIM Card while the router is turned ON would lead to probable damage on the SIM Card and/or on the Smart Bro Device.

#### A. Inserting the Smart Bro SIM Card into the Smart Bro Device

1. Open the back cover of the Smart Bro Device and take out the battery. The SIM slot can be found once the battery is taken out. Follow the diagram below:

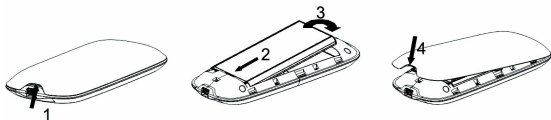


2. Inserting the Smart Bro SIM Card into the Smart Bro Device.



**Note:** Make sure that the Smart Bro SIM is pushed all the way down as shown in the diagram above.

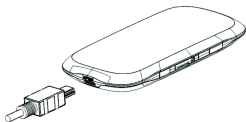
3. Close the back cover of the Smart Device.



## **B. Charging the Smart Bro Device using the USB Cable and Inserting the Micro SD Card.**

1. Charging the Smart Bro Device using the USB Cable.

- Connect the USB Cable as seen in the diagram below.
- Initial charging time is 2hrs to 3 hrs.



### **Note:**

- Insert the charger lead carefully with the plug arrow facing the bottom of the device.
- The plug only fits one way. Do not use excessive force to insert the plug.
- Check if the plug is lined up correctly against the device; then insert it gently.

## 2. Inserting the Micro SD.

- Slowly open the cover of the Micro SD slot
- Ensure that your Micro SD is facing the right way before inserting it into the slot



**Note:** There is no Micro SD bundled with the Smart Bro Device.

## C. Powering ON/OFF the Smart Bro Device

- Press and hold the **Power Button** for five seconds to switch the device **ON** or **OFF**.

## D. System Requirements

PC Type	Hardware	Operating System	Web Browser
Non-Mac	A. Pentium III or Higher B. 512MB of RAM or Higher C. LAN Card (Optional) D. At least 10GB of hard disk space E. With WiFi Capability	Windows, Ubuntu	Internet Explorer, Mozilla, Firefox, Maxthon, etc.



PC Type	Hardware	Operating System	Web Browser
MAC	A. Power PC G3, G4, G5 processor. B. 256MB RAM C. At least 3GB of hard disk space	Tiger, Leopard, Snow Leopard	Safari, etc.

**Note:** The Smart Bro Device should be used with a WiFi cable PC/ Laptop and/or with WiFi capable gadgets.

#### **E. Connecting/Disconnecting to the Internet**



## 1. Preparation

- Before connecting to the internet, please make sure that the:
  - The Smart Bro SIM card is properly inserted into the Smart Bro Device.
  - The Smart Bro Device is charged.

## 2. Connecting/Disconnecting from the Internet

**Note:** Please make sure that the **WiFi** of your Laptop/PC/Other WiFi capable devices is/are **turned ON**.


- In your computer, kindly access the “wireless connection” and click on “search for nearby wireless connections”.
- The default SSID of the Smart Bro Device is **Smartbro\_XXXXXX** (the Xs is the MAC Address of the Smart Bro Device. E.g. Smartbro\_09E123). The SSID is the name of the router that you will see when you “search for nearby wireless connections”.
- Click on **Smartbro\_XXXXXX** and then click on **Connect**; OR, you can double click on the name **Smartbro\_XXXXXX** to connect to the router and internet. The steps in connecting your computer to the Smart Bro Device and to the internet may vary depending on the computer/device type, operating system and wireless connection software being used.
- Once the connection to the Smart Bro Device is established, you can now browse the internet.
- To disconnect from the internet, go to your wireless connection and click on **Smartbro\_XXXXXX**. After clicking **Smart Bro**, click on the disconnect button.

## Logging into the Smart Bro Device

**Note:** Do not change any settings unless instructed by your service provider. To make changes to your settings you need to disconnect the router from the internet but maintain connection from your computer to the router. After making changes, reboot the Smart Bro Device.

### A. Logging into Smart Bro Device User Interface (UI)

1. Once connection to the Smart Bro Device was established, open your web browser and type in <http://192.168.0.1>
2. In the login page, the **default username** is **smartbro** and the **default password** is **smartbro**. Take note that username and password are case sensitive.

Welcome to 

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goahead  
**WEB SERVER™**

User Name :

Password :

Save

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## B. Inside the Smart Bro Device UI

### 1. Home Page

- Shows the general state/condition of the router.

The screenshot displays the Smart Bro web interface. On the left is a navigation menu with options: Home Page, Quick Setup, WAN Connection, 3G Settings, Router, Wi-Fi Settings, Firewall, Advanced, and Logout. The main content area is titled 'Home' and contains several tables:

3G Information	
Network Provider	SMART
Network Type	HSPA
Roam	OFF
Domain	CS_PS

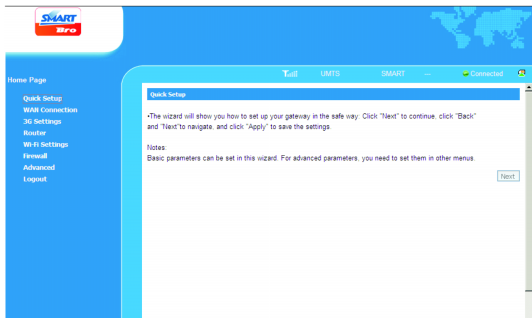
WAN Information	
PPP Status	Connected
IP Address	10.100.143.104
Primary DNS	121.1.3.100
Secondary DNS	203.84.191.21

WLAN Current Status	
SSID	Smartbro_32042B
Channel	6
Security Level	Disable

LAN and WLAN Information	
IP Address	192.168.0.1
Subnet Mask	255.255.255.0

### 2. Quick Setup

- The quick setup guide will show you how to set the basic parameters for your router the safest way. Please take note that all configuration settings needed for connecting to the internet has already been pre-defined.



### 3. WAN Connection

- There are three connection mode:
  - **Auto Connect:** The router will automatically connect to WAN when it is powered on.
  - **On Demand Connect:** .The connection will be established when data transmission is required. Router will disconnect from the Internet if there is no data traffic going through it during the **Max Idle Time**.
  - **Manual Connect:** Connect to the Internet manually.
- By default, the Smart Bro Device is set to Auto Connect.

The screenshot shows the SMART 3Pro web interface. The top navigation bar includes 'T-Net', 'UMTS', 'SMART', and a 'Connected' status indicator. The left sidebar contains a menu with 'Home Page', 'Quick Setup', 'WAN Connection', '3G Settings', 'Router', 'Wi-Fi Settings', 'Firewall', 'Advanced', and 'Logout'. The main content area is titled 'WAN Connection' and displays 'PPP Connection Mode' with a dropdown menu set to 'Auto Connect'. Below this, 'Manual Connect' is set to 'Disconnect Internet'. The 'PPP Connection Status' is 'Connected'. An 'Apply' button is located at the bottom right of the settings area.

## 4. 3G Setting

- Wireless Info

The screenshot shows the SMART 3Pro web interface with the '3G Settings -> Wireless Info' page selected. The left sidebar menu is the same as in the previous screenshot. The main content area has a breadcrumb trail '3G Settings -> Wireless Info' and three tabs: 'Wireless Info' (selected), 'Network Select', and 'API Setting'. Below the tabs, the '3G Wireless Information' table is displayed with the following data:

Network Provider	SMART
Network Type	UMTS
Roam	OFF
RSSI	-50 dBm
RSCP	-33 dBm
EcIo	-14.5 dB
Cell ID	43552
LAC Code	8021

An 'Refresh' button is located at the bottom right of the table.

- Network Select

SMART 3G Pro

Home Page

- Quick Setup
- WAN Connection
- 3G Settings
- Router
- Wi-Fi Settings
- Firewall
- Advanced
- Logout

Traffic HSPA SMART Connected

3G Settings -> Network Select

Wireless Info **Network Select** APN Setting

Mode Preference

<input checked="" type="radio"/>	UMTS preferred
<input type="radio"/>	Only UMTS
<input type="radio"/>	Only GPRS/EDGE

Apply

- APN Setting

SMART 3G Pro

Home Page

- Quick Setup
- WAN Connection
- 3G Settings
- Router
- Wi-Fi Settings
- Firewall
- Advanced
- Logout

Traffic UMTS SMART Connected

3G Settings -> APN Setting

Wireless Info Network Select **APN Setting**

APN Setting

Profile Name	smart3g
APN Setting	<input checked="" type="radio"/> Auto APN <input type="radio"/> Manual APN
APN	smart3g
Dial No.	***
PDP Type	<input checked="" type="radio"/> p <input type="radio"/> pp
PDP Setting	<input checked="" type="radio"/> Auto PDP <input type="radio"/> Manual PDP
DNS	<input checked="" type="radio"/> Auto DNS <input type="radio"/> Manual DNS
Authentication	PPP
User Name	
Password	

## 5. Router

- LAN

The screenshot shows the configuration page for the LAN interface. The left sidebar contains a navigation menu with options: Home Page, Quick Setup, WAN Connection, 3G Settings, Router, Wi-Fi Settings, Firewall, Advanced, and Logout. The main content area is titled "Router -> LAN" and has tabs for "LAN" and "DHCP Clients". The "LAN" tab is selected, showing the "LAN Interface Setup" form. The form fields are: IP Address (192.168.0.1), Subnet Mask (255.255.255.0), MAC Address (00:02:7F:94:0A:15), DHCP Server (Enabled), DHCP IP Pool (192.168.0.100 to 192.168.0.200), and DHCP Lease Time (24 hours). "Apply" and "Cancel" buttons are at the bottom right.

LAN Interface Setup	
IP Address	192.168.0.1
Subnet Mask	255.255.255.0
MAC Address	00:02:7F:94:0A:15
DHCP Server	Enabled
DHCP IP Pool	192.168.0.100 - 192.168.0.200
DHCP Lease Time	24 hour(s)

- DHCP Client

The screenshot shows the configuration page for DHCP Clients. The left sidebar is the same as in the previous screenshot. The main content area is titled "Router -> DHCP Clients" and has tabs for "LAN" and "DHCP Clients". The "DHCP Clients" tab is selected, showing a table of DHCP Clients. Below the table, there is an attention message and a "Refresh" button.

Host Name	MAC Address	IP Address
-	00:23:08:1a:11:e0	192.168.0.200
Terence	00:1b:42:56:0e:91	192.168.0.199
705T-JiViladegato	00:1a:73:4b:42:31	192.168.0.198

Attention: This page is for reference only.



## 6. WiFi Setting

- Station List

The screenshot shows the SMART 3G router's web interface. The left sidebar contains a navigation menu with the following items: Home Page, Quick Setup, WAN Connection, 3G Settings, Router, Wi-Fi Settings, Firewall, Advanced, and Logout. The main content area is titled "Wi-Fi Settings -> Station List". Below the title is a tabbed interface with four tabs: "Station List" (selected), "Basic", "Security", and "WPS". A table titled "Wireless Network" displays the following data:

Station	MAC Address
1	80:FB:42:56:DE:91
2	00:1A:73:4B:F2:31

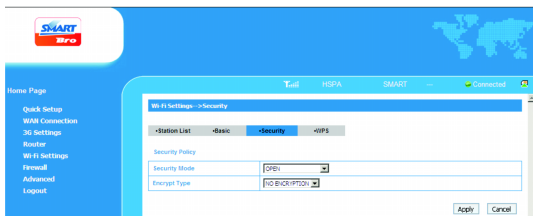
- Basic

The screenshot shows the SMART 3G router's web interface, specifically the "Basic" configuration page. The left sidebar is identical to the previous screenshot. The main content area is titled "Wi-Fi Settings -> Basic". Below the title is a tabbed interface with four tabs: "Station List", "Basic" (selected), "Security", and "WPS". The "Wireless Network" section contains the following configuration fields:

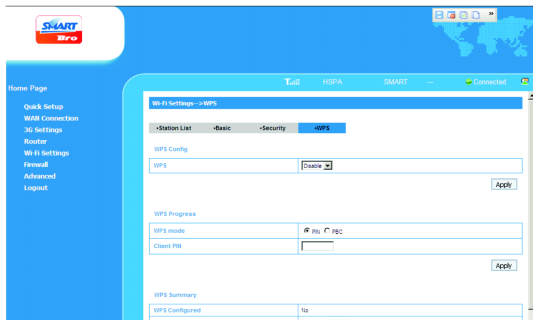
- Network Mode: 11b/g Mixed Mode
- Network Name (SSID): Smart3G\_20C-4E5
- Broadcast Network Name (SSID):  Enable  Disable
- AP Isolation:  Enable  Disable
- Country Code: NONE
- Frequency (Channel): 2437MHz (Channel)
- Rate: Auto
- MAX Station Number: 5

At the bottom right of the configuration area, there are "Apply" and "Cancel" buttons.

- Security

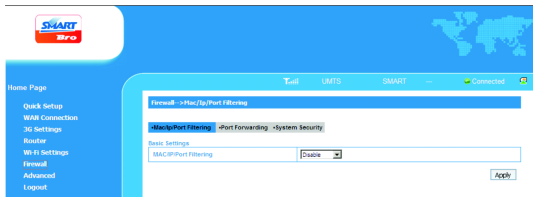


- WPS

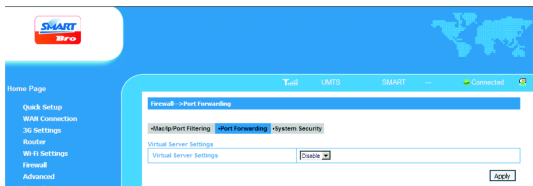


## 7. Firewall

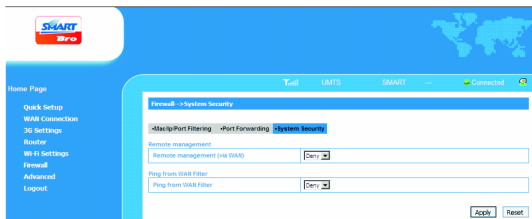
- MAC/IP/Port Filtering



- Port Forwarding



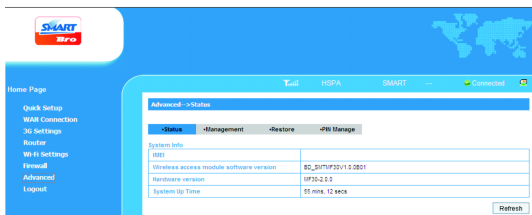
- System Security



The screenshot shows the SMART UI interface for System Security. The top navigation bar includes 'T-Mobile', 'UMTS', 'SMART', and 'Connected'. The left sidebar lists navigation options: Home Page, Quick Setup, WAN Connection, 3G Settings, Router, Wi-Fi Settings, Firewall, Advanced, and Logout. The main content area is titled 'Firewall -> System Security' and contains two sections: 'Remote management' with a 'Remote management (via WAN)' dropdown set to 'Deny', and 'Ping from WAN Filter' with a 'Ping from WAN Filter' dropdown set to 'Deny'. 'Apply' and 'Reset' buttons are at the bottom right.

## 8. Advanced

- Status



The screenshot shows the SMART UI interface for the Advanced Status page. The top navigation bar includes 'T-Mobile', 'HSPA', 'SMART', and 'Connected'. The left sidebar lists navigation options: Home Page, Quick Setup, WAN Connection, 3G Settings, Router, Wi-Fi Settings, Firewall, Advanced, and Logout. The main content area is titled 'Advanced -> Status' and features a 'System Info' table. The table has columns for the parameter name and its value. The values are: 'BD\_SMTMP30V1.0.0B01' for the software version, 'MP30-2.0.0' for the hardware version, and '55 min, 12 secs' for the system up time. 'Status', 'Management', 'Restore', and 'PIN Manage' tabs are visible above the table. A 'Refresh' button is located at the bottom right.

System Info	
IMEI	
Wireless access module software version	BD_SMTMP30V1.0.0B01
Hardware version	MP30-2.0.0
System Up Time	55 min, 12 secs

- Management

The screenshot shows the SMART 3Pro web interface. The top navigation bar includes 'T-Net', 'LIMITS', 'SMART', and a 'Connected' status indicator. The left sidebar contains a 'Home Page' link and a list of settings: Quick Setup, WAN Connection, 3G Settings, Router, Wi-Fi Settings, Firewall, Advanced, and Logout. The main content area is titled 'Advanced -> Management' and features a sub-menu with 'Status', 'Management' (selected), 'Restore', and 'PIN Manage'. Below this is the 'Administrator Settings' section, which contains three input fields: 'Account' (with 'admin' entered), 'Password' (with '\*\*\*\*\*' entered), and 'Verify Password' (with '\*\*\*\*\*' entered). A note next to the Account field states '(User Name is not case sensitive)'. 'Apply' and 'Cancel' buttons are located at the bottom right of the form.

- Restore

The screenshot shows the SMART 3Pro web interface with the 'Restore' page selected. The top navigation bar and left sidebar are identical to the previous screenshot. The main content area is titled 'Advanced -> Restore' and features a sub-menu with 'Status', 'Management', 'Restore' (selected), and 'PIN Manage'. Below this is the 'Load Factory Defaults' section, which contains a 'Load Default Button' and a 'Restore' button.

- Pin Manage

The screenshot displays the SMART Pro web interface. On the left is a navigation menu with the following items: Home Page, Quick Setup, WAN Connection, 3G Settings, Router, Wi-Fi Settings, Firewall, Advanced, and Logout. The main content area is titled "Advanced -> PIN Manage" and features a navigation bar with tabs for Status, Management, Restore, and PIN Manage. The PIN Manage section contains a table with the following fields:

PIN Manage	
PIN Status	Disable
Action	<input type="button" value="Enable"/>
PIN	<input type="text"/>
10 attempt(s) remaining for your PIN	

An "Apply" button is located at the bottom right of the configuration area.

# III. Troubleshooting the Smart Bro Device

## A. Power

- Check if the Smart Bro Device has power/enough power to function.
- In charging the Smart Bro Device, ensure that the USB cable is properly plugged into the Smart Bro Device and computer/laptop.
- Press and hold the **Power Button** for five seconds to switch the product **ON** or **OFF**.

## B. Cannot Connect to the Internet

- No Signal/Service – Please make sure of the following:
  - You are in an area with Smart Bro Device Coverage.
  - You are using a Smart Bro SIM.
  - Ensure that the Smart Bro SIM is inserted properly inside the Smart Bro Device.
- Check the Smart Bro Device connection status from the User Interface.

## C. Additional Troubleshooting Help

- Contact Smart Bro Hotline \*1888 (smart mobile) / 6727277 / 1800-106727277 / [customercare@smart.com.ph](mailto:customercare@smart.com.ph)