

# **V5 TABLET MODEM USER MANUAL**

**\*PLEASE READ THE USER MANUAL BEFORE DEVICE SETUP**

# TABLE OF CONTENTS

PRODUCT INTRODUCTION ----- 3

WORKING DIAGRAM ----- 5

3G/4G/LTE CELLULAR INTERNET CONNECTION SETTINGS ----- 6

HOW TO CONNECT WIFI DEVICES ----- 7

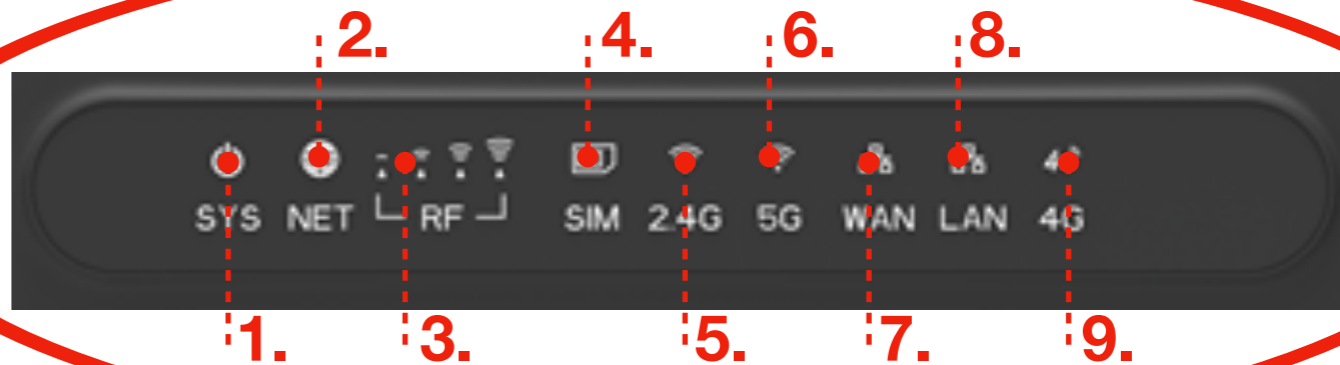
ETHERNET CONNECTION SETTINGS ----- 8

HOW TO ACCESS ROUTER SETTINGS ----- 9

TROUBLESHOOTING/PRECAUTIONS ----- 10



Front

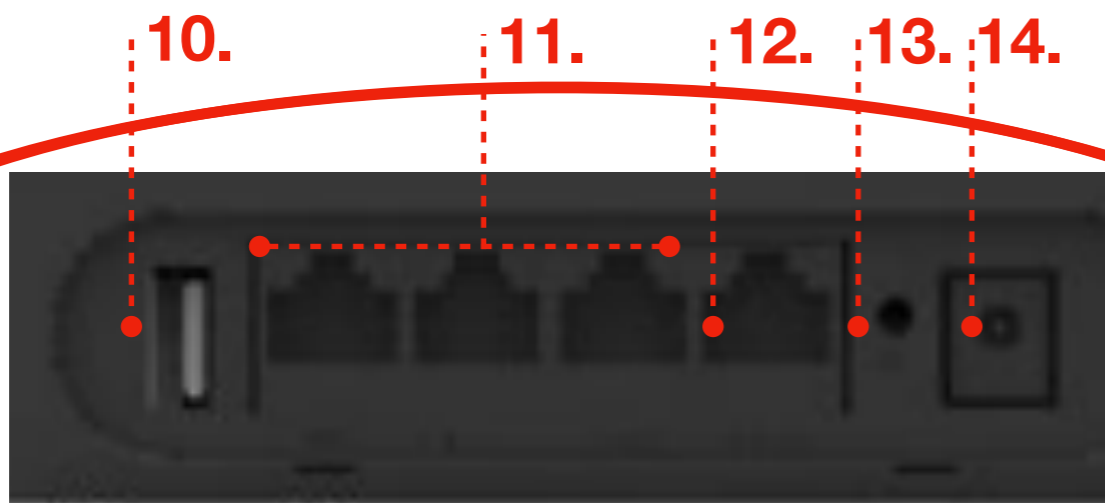


16.

Back

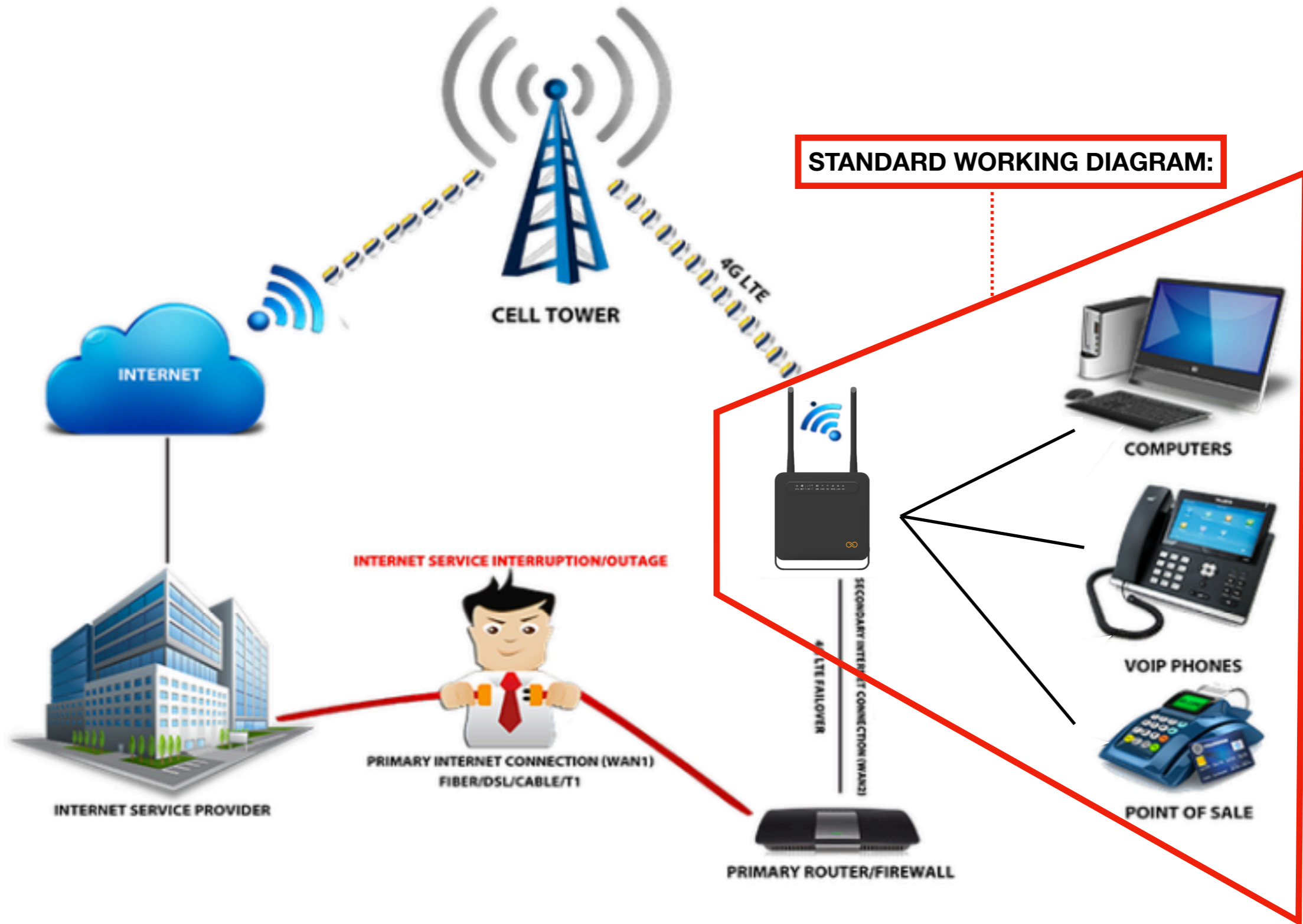


15.

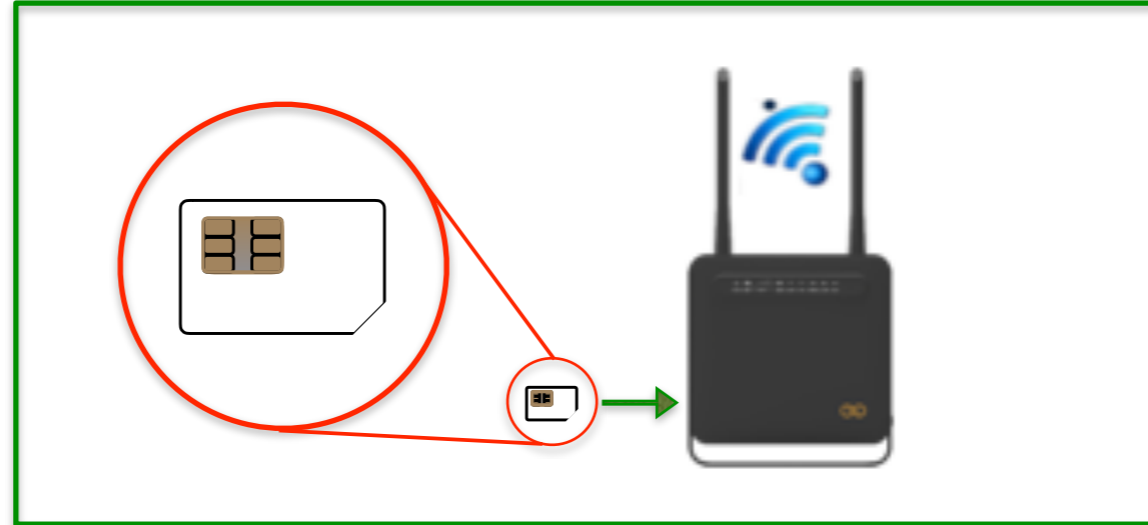


# NUMBER	ICON	FUNCTION (DISPLAY LIGHTS)
1	SYS	ON: DEVICE CONNECTED AND RECEIVING POWER. OFF: DEVICE NOT RECEIVING/CONNECTED TO POWER SUPPLY.
2	NET	ON: DEVICE RECOGNIZES SIM CARD AND REGISTERS NETWORK SERVICE. OFF: NO SIM CARD INSERTED IN SIM PORT, OR <b>NO NETWORK SERVICE DETECTED.</b>
3	RF	ON: DURING DEVICE STARTUP, DISPLAYS # OF SIGNAL BARS <b>BASED ON SIGNAL STRENGTH.</b> OFF: DEVICE DISCONNECTED POWER SOURCE, OR NO NETWORK SIGNAL AVAILABLE.
4	SIM	ON: DURING POWER STARTUP, DEVICE DETECTS SIM CARD INSERTED IN SIM PORT. <b>OFF: DEVICE NOT RECOGNIZING/READING SIM CARD, OR NO SIM CARD INSERTED IN SIM PORT.</b>
5	2.4G	ON: 2.4G WIFI SIGNAL BROADCASTED FROM DEVICE. ON: (FLASHING) DEVICES ARE CONNECTED TO WIFI, OR WPS IS ENABLED. <b>OFF: WIFI SIGNAL NOT BROADCASTED, OR NO POWER SUPPLY.</b>
6	5G	ON: 5G WIFI SIGNAL BROADCASTED FROM DEVICE. ON: (FLASHING) DEVICES ARE CONNECTED TO WIFI, OR WPS IS ENABLED. <b>OFF: WIFI SIGNAL NOT BROADCASTED, OR NO POWER SUPPLY.</b>
7	WAN	ON: NETWORK CABLE CONNECTED AND DETECTED. OFF: NO NETWORK CABLE CONNECTED, OR DETECTED.
8	LAN	ON: DEVICE DETECTED, AND CONNECTED THROUGH ETHERNET CABLE. OFF: NO DEVICE DETECTED, OR CONNECTED THROUGH ETHERNET CABLE.
9	4G	ON: ROUTER WORKING UNDER 4G NETWORK. OFF: NO POWER TO ROUTER, OR, ROUTER NOT WORKING UNDER 4G NETWORK.
10	USB PORT	USB 2.0 DATA DRIVE PORT
11	LAN PORTS	PROVIDES DATA TRANSMISSION FOR DEVICES CONNECTED TO LOCAL AREA NETWORK (LAN) WITH AN ETHERNET CABLE.
12	WAN PORT	CONNECT TO AN INTERNET SOURCE, EG., BROADBAND MODEM. WHEN CONNECTED, WAN PORT PROVIDES INTERNET SOURCE TO ALL DEVICES CONNECTED TO LAN PORTS, AND DEVICES CONNECTED THROUGH THE ROUTER WIFI BANDS.
13	RESET KEY	DEPRESS RESET BUTTON FOR 7 SECONDS AND ROUTER WILL BE RESTORED TO FACTORY DEFAULT SETTINGS.
14	POWER SUPPLY	PLUG IN PROVIDED 12V, 2A POWER ADAPTOR FOR POWER SOURCE TO ROUTER.
15	SMA PORTS	2 SMA PORTS TO ATTACH PROVIDED WIFI ANTENNA/S, OR, WITH PROVIDED SMA ADAPTOR/S, TO ATTACH COAXIAL CABLE FOR CELLULAR ANTENNA BOOSTER/S.
16	SIM PORT	INSERT SIM CARD TO CONNECT TO CELLULAR NETWORK. SUPPORTS STANDARD SIZE SIM CARD.

# WORKING FAILOVER DIAGRAM:

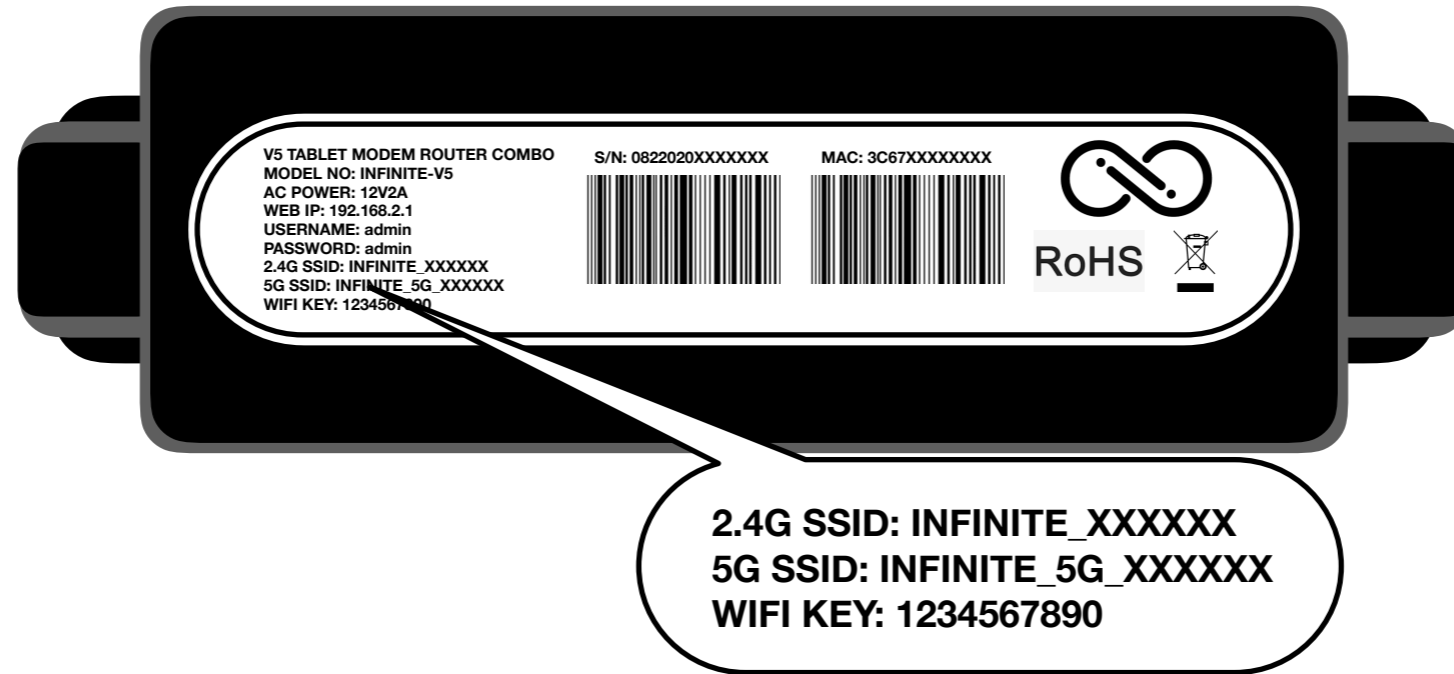


## 3G/4G/LTE CELLULAR INTERNET CONNECTION SETTINGS:



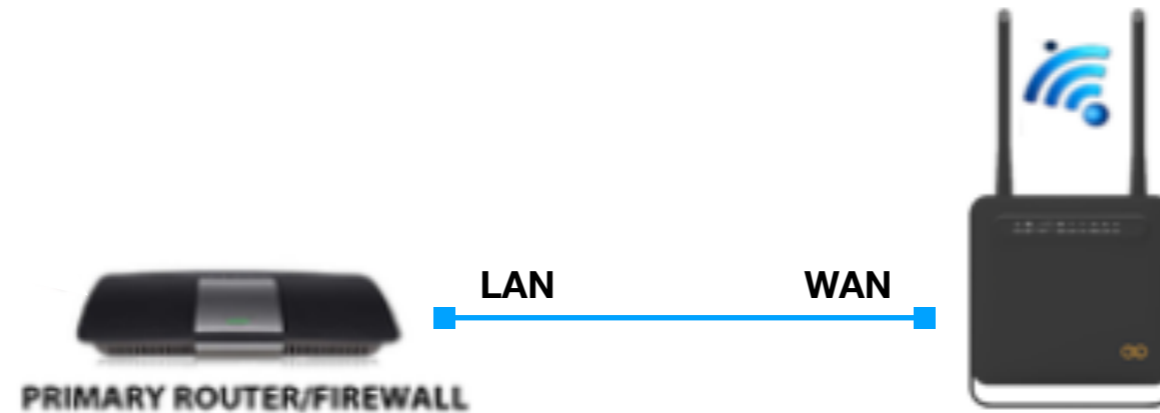
1. UNPACK ROUTER AND INSERT A STANDARD SIM CARD AS PICTURE ABOVE.
2. UNPACK AC/DC POWER PLUG FROM BOX, CONNECT ROUTER WITH ADAPTOR AND PLUG INTO A POWER SOURCE.
3. ROUTER WILL POWER UP (ALLOW 5 MINUTES), ALL INDICATOR LIGHTS ON ROUTER DISPLAY WILL ILLUMINATE AT ONCE, THEN OFF.
4. ONCE THE ROUTER HAS BEEN ON FOR 5 MINUTES AND **THE ROUTER HAS SUCCESSFULLY CONNECTED TO THE NEAREST CELLULAR BASE STATION**, THE NET DISPLAY LIGHT WILL BE ILLUMINATED. THE ROUTER HAS THEN SUCCESSFULLY CONNECTED TO THE NEAREST CELLULAR BASE STATION, AND RECEIVING CELLULAR SIGNAL.
5. CONNECT WIFI DEVICES TO THE ROUTER'S WIFI NETWORK (SSID).

# HOW TO CONNECT WIFI DEVICES:



1. CONFIRM THE ROUTER IS ON, AND THE 2.4G, AND 5G, LIGHT IS ON.
2. WITH A WIFI COMPATIBLE DEVICE, ENTER THE DEVICE'S WIFI CONNECTION SETTINGS.
3. SELECT THE NETWORK NAME **INFINITE\_XXXXXX**, OR, **INFINITE\_5G\_XXXXXX**. THE WIFI NETWORK NAME AND PASSWORD IS ON A STICKER UNDERNEATH THE ROUTER (AS SHOWN IN DIAGRAM ABOVE).
4. ENTER THE WIFI PASSWORD (WIFI KEY) WHEN PROMPTED BY THE DEVICE, SELECT CONNECT, AND THEN THE WIFI LIGHT WILL FLASH SHOWING THE WIFI DEVICE IS CONNECTED TO THE ROUTER.

# ETHERNET CONNECTION SETTINGS:



**CAUTION:** PLACE ROUTER IN VERTICAL POSITION TO AVOID DAMAGE FROM SHAKING, OR DROPPING.

1) UNPACK ROUTER AND AC/DC POWER PLUG FROM BOX, CONNECT ROUTER WITH ADAPTOR AND PLUG INTO A POWER SOURCE.

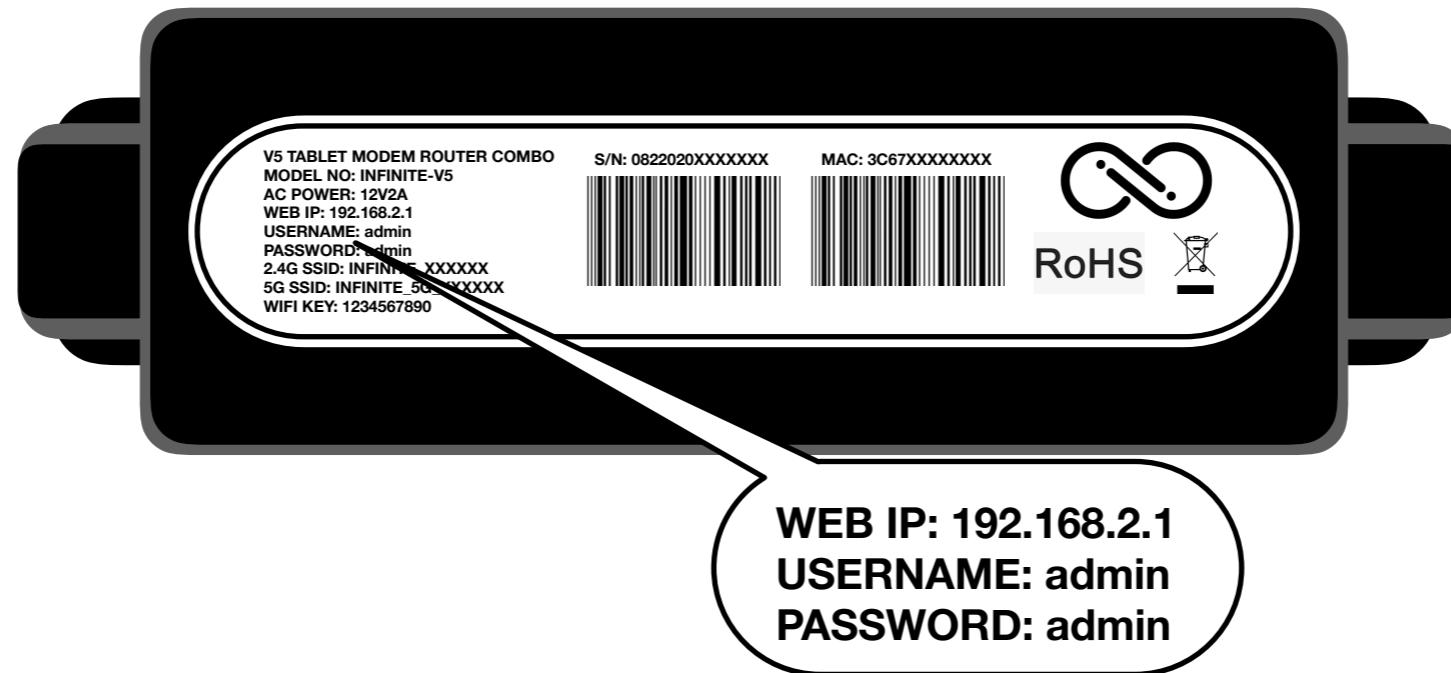
2) ROUTER WILL POWER UP (ALLOW 5 MINUTES), ALL INDICATOR LIGHTS ON ROUTER DISPLAY WILL ILLUMINATE AT ONCE, THEN OFF.

3) ONCE THE ROUTER HAS BEEN ON FOR 5 MINUTES, CONNECT ETHERNET CABLE FROM NETWORK INTERNET SOURCE LAN PORT TO THE ROUTER'S WAN PORT (PICTURED ABOVE); THE WAN, AND NET, DISPLAY LIGHT WILL ILLUMINATE.

4) CONNECT WIFI DEVICES TO THE ROUTER'S WIFI NETWORK (SSID).



# HOW TO ACCESS ROUTER SETTINGS:



1. CONFIRM THE ROUTER IS ON, AND A WEB BROWSER ENABLED DEVICE IS CONNECTED TO THE ROUTER. EITHER THROUGH A LAN PORT, OR THE WIFI.
2. OPEN A WEB BROWSER THROUGH THE WIFI CONNECTED DEVICE.
3. ENTER THE WEB IP ADDRESS OF THE ROUTER (LOCATED ON THE STICKER AT THE BOTTOM OF THE ROUTER, SEE ABOVE DIAGRAM) IN THE WEB BROWSER WEB ADDRESS BAR (SEE DIAGRAM BELOW)
4. WHEN PROMPTED, ENTER THE USERNAME AND PASSWORD IN THE BROWSER PAGE.
5. ENTER THE ROUTER'S MAIN PAGE AND SELECT FROM DESIRED SETTINGS TO ADJUST TO INDIVIDUAL NEEDS, OR, CHECK ON STATUS OF ROUTER'S PERFORMANCE.

## TROUBLESHOOTING:

1. SYS DISPLAY LIGHT NOT ON, NO POWER TO ROUTER:
  - A. MAKE CERTAIN POWER ADAPTOR IS PLUGGED INTO A POWER SOURCE, AND ROUTER.
2. NET DISPLAY LIGHT NOT ON, NO SERVICE SIGNAL FROM INTERNET SOURCE:
  - A. MAKE SURE PROPER APN SETTINGS FOR CELLULAR SERVICE PLAN ARE INPUTTED.
  - B. NO SIM CARD INSERTED IN ROUTER FOR CELLULAR INTERNET SERVICE.
  - C. ETHERNET CABLE NOT PLUGGED INTO WAN PORT FROM INTERNET SERVICE SOURCE DEVICE.
3. RF DISPLAY LIGHTS NOT ON, NOT RECEIVING CELLULAR SIGNAL:
  - A. MAKE SURE PROPER APN SETTINGS FOR CELLULAR SERVICE PLAN ARE INPUTTED.
  - B. NO SIM CARD INSERTED IN ROUTER FOR CELLULAR INTERNET SERVICE.
  - C. EXTERNAL ANTENNAS NOT INSTALLED ON SMA PORTS.
4. SIM DISPLAY LIGHT NOT ON, NOT RECEIVING CELLULAR SIGNAL:
  - A. NO SIM CARD INSERTED IN ROUTER SIM PORT.
  - B. SIM DAMAGED/INVALID

## PRECAUTIONS:

1. PLACE ROUTER IN VERTICAL POSITION TO AVOID DAMAGE FROM SHAKING OR FALLING.
2. IDEAL WORKING TEMPERATURE OF ROUTER IS 32°F/0°C ~ 95°F/35°C. THE IDEAL STORAGE TEMPERATURE IS -4°F/-20°C ~ 113°F/45°C. AVOID TOO HIGH, OR LOW, TEMPERATURES TO PREVENT THE ROUTER FROM DAMAGE.
3. AVOID UNNECESSARY ROUTER DAMAGE BY PLACING ROUTER AWAY FROM FIRE, WATER, HIGH TEMPERATURE, AND/OR EROSION SOURCES. IN ADDITION, KEEP ROUTER PLACED IN A DRY, WELL-VENTILATED AREA.
4. TO PREVENT DAMAGE FROM ELECTRICAL SURGE DURING A LIGHTNING STORM, IT IS RECOMMENDED TO HAVE ROUTER PLUGGED INTO A SURGE PROTECTOR.
5. AVOID HIGH TORQUE WHILE INSTALLING EXTERNAL ANTENNAS INTO SMA PORTS, OTHERWISE IT MAY AFFECT THE QUALITY OF SERVICE PROVIDED BY THE ROUTER.