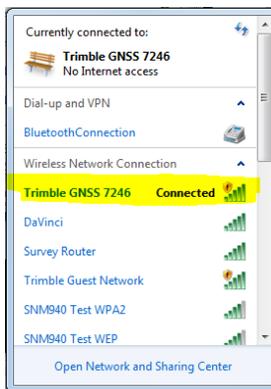
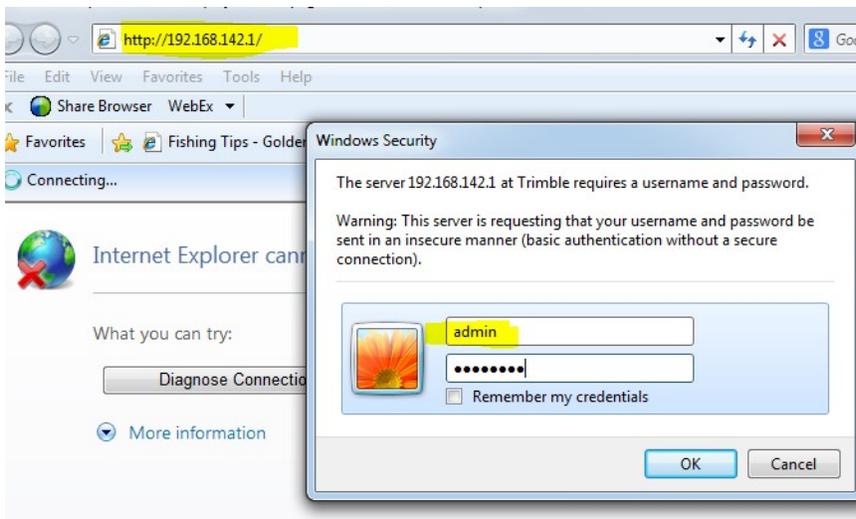


## Setting up an R10 as a WiFi Hotspot

1. From the off position on the R10 place the SIM card with an activated plan inside the SIM card slot on the R10 located in the battery compartment. Once inserted, power the R10 on and ensure the WIFI is activated. You should see the “WIFI” icon flashing. See the R10 manual for more information on the LED behavior.
2. With the WIFI enabled, on your Computer or Smart Phone search for all wireless networks. You should see the wireless option for the R10 identified as Trimble GNSS XXXX as seen in the example below. Go ahead and select this option and make the connection to your R10.



3. Once connected, you can now open up your Internet browser such as Windows Explorer and type the IP address for the R10 into the address bar. Please note, the IP address by default is **192.168.142.1**. The default username and password are “**admin**” and “**password**”



- You should now be connected to the receiver via the receiver's WebUI. Go to the GSM/GPRS Modem option and click on "Summary". You should now see an indicator showing that your SIM card is operational and has adequate coverage. If you don't see this, you may want to ensure your SIM is inserted correctly or you are in an area with good cell coverage.

Receiver Configuration	
Bluetooth	
Radio	
GSM/GPRS Modem	
Summary	
Configuration	
OmniSTAR	
Network Configuration	
Wi-Fi	
Security	
Firmware	
Programmatic Interface	
DI / VFD	
Help	
Test	

Modem Power State: On

Modem IMEI: 356265020699038

GSM Radio Band: 850/900/1800/1900 MHz

Connection Type: HSDPA(3G/4G)

Modem Current Operator Select: Automatic

User Requested Operator Select: Force to automatic

Modem HW: Teit (UC864-G) (08.01.107)

---

Received Signal Strength Indication (RSSI): (-55 dBm) 

SIM Status: OK (PIN verified or not required)

SIM ID: 310410125866064

Service Operator: Cingular

PPP: Disconnected

PPP/Data Channel: UMTS USB channel

UMTS USB Driver: Ready

- Now click on "Configuration" under the GSM/GPRS Modem option. Here you can enter your cell provider's internet settings, or you can select the "Change GPRS Service" selection box, and the WebUI will automatically populate the needed fields. You can then make simple edits to make the connection.

Receiver Configuration	
I/O Configuration	
Bluetooth	
Radio	
GSM/GPRS Modem	
Summary	
Configuration	
OmniSTAR	
Network Configuration	
Wi-Fi	
Security	
Firmware	
Programmatic Interface	
DI / VFD	
Help	

PPP: Disconnected

Country: USA  Provider: AT&T  Plan: non-contract

Access Point Name: WAP.CINGULAR

CID: 1

GPRS Username: WAP@CINGULARGPRS.COM

GPRS Password:

Verify GPRS Password:

Auto Restart:

Use as default route:

---

- Now hit “Connect” and the receiver/SIM should connect up. You will know you’ve made a connection to the providers network by seeing the “PPP : UP and Connected” line a Now go to the “Network Configuration” option, and select “Routing table”. Here you need to enable the “Network Address Translation” option. Don’t forget to hit the “OK” button.

- Receiver Configuration
- I/O Configuration
- Bluetooth
- Radio
- GSM/GPRS Modem
- OmniSTAR
- Network Configuration**
- Wi-Fi
- Security
- Firmware
- Programmatic Interface
- DI / VFD

PPP: Up and connected

Change GPRS Service:

Access Point Name: WAP.CINGULAR

CID: 1

GPRS Username: WAP@CINGULARGPRS.COM

GPRS Password: ●●●●●●

Verify GPRS Password: ●●●●●●

Auto Restart:

Use as default route:

---

- Receiver Status
- Satellites
- Data Logging
- Receiver Configuration
- I/O Configuration
- Bluetooth
- Radio
- GSM/GPRS Modem
- OmniSTAR
- Network Configuration**
- Summary
- DNS Configuration
- PPP
- Routing Table**
- IP Filtering
- E-Mail Client
- E-Mail Alerts
- HTTP
- Proxy
- FTP
- Configure TCC
- DDNS Client
- Zeroconf/UPnP
- Wi-Fi
- Security
- Firmware

## Routing Table Configuration

Destination	Gateway	Mask	Flags	Interf
0.0.0.0	10.93.231.43	0.0.0.0	UG	ppp0 (S
192.168.142.0	0.0.0.0	255.255.255.0	U	eth1 (W
10.93.231.43	10.93.231.43	0.0.0.0	UH	ppp0 (S

Change default route: ppp0

---

**Add a route**

Destination:  .  .  .

Gateway:  .  .  .

Mask:  .  .  .

Interface: eth1

---

Network Address Translation:

Once enabled, you should now be able to use the R10 as a hotspot as seen below.

