

## Configuring an R Series Receiver with Internal GSM Module for use with VRS Networks and the TSC2

You must have an active AT&T SIM card and a valid data plan. Contact AT&T Data Technical Support for the proper plan.

### R Series Receiver

1. Insert the SIM card into the GSM Radio Module.
2. Attach the GSM antenna.

### Creating a Bluetooth Connection with a TSC2

1. Tap on the Start button at the top left of the screen.
2. Tap on settings.
3. Tap on Connections at the bottom of the screen.
4. Tap on Bluetooth.
5. Check the box for Turn on Bluetooth.
6. Tap on Devices.
7. Make sure the R Series Receiver is turned on.
8. Tap on New Partnership.
9. Select the R Series Receiver and tap on next.
10. When asked for a passkey, do not enter anything. Tap on next
11. Check the box for Dialup Networking and tap on Finish.
12. Tap on OK at the upper right hand corner.

### Creating a Network/Dial Up Connection On the TSC2

1. Tap on Connections.
2. Tap on Add a new modem connection under My ISP.
3. Type a name for your connection.
4. Tap on the drop down menu for Select a modem.
5. Tap on Bluetooth.
6. Tap on Next.
7. Tap on your R Series Receiver.
8. Tap on Next.
9. Type \*99\*\*\*1# for the phone number.
10. Tap on Next.
11. User name – ISP@CINGULARGPRS.COM. **Note: This is case sensitive.**
12. Password – CINGULAR1. **Note: This is case sensitive.**
13. Domain – Leave blank.
14. Tap on Finish.

15. Tap OK at the top right of the screen.
16. Tap X at the top right of the screen.

### **Configuring the Dial Profile in Survey Controller for a GSM connection.**

1. Start Survey Controller.
2. Tap on the Configuration icon.
3. Tap on Dial profiles.
4. Tap on New.
5. Enter a Name for your Dial profile
6. Profile Type – Internet Rover.
7. Use Connection – Tap on the right arrow and select the R series receiver.
8. Modem PIN – Leave blank.
9. APN – isp.cingular **Note: This is case sensitive.**
10. IP Address – Enter the IP Address of provided by your VRS provider.
11. IP Port – Enter the IP Port provided by your VRS provider.
12. Check box for use NTRIP (on NTRIP supported networks.)
13. Do not check box for Use proxy server.
14. NTRIP username – Enter the user name provided by your VRS provider. **Note: This is case sensitive.**
15. NTRIP password – Enter the password provided by your VRS provider. **Note: This is case sensitive.**
16. Choose GPRS for Connection type.
17. Do not check box for Send user identity info.
18. Tap on Store.
19. Tap on ESC to Return to the Main Menu in Survey Controller.

### **Testing Your Internet Connection**

1. Turn on the R Series Receiver and make sure you have established a connection with Survey Controller.
2. Tap on Configuration.
3. Tap on Dial profiles.
4. Tap on Connect at the bottom of the screen.
5. Survey Controller will indicate a successful Internet connection.
6. Tap on Disconnect at the bottom of the screen.