Configuring Topcon Pocket 3D as Network Rover

Select: **Setup**

Equipment: Choose Receiver Make and Model

Hit **New** button and enter in a name for the Equipment Configuration: **eGPS VRS**

Machine Type: **Range Pole**

Sensor: **GNSS**

Mounting Location: **Top of Pole**

Units: US Survey Feet

Next

Dimensions

Antenna Type: **Your Make and Model**

Antenna Ht. HI of your Pole (**2m or 6.56'**)

Measured to: **Base**

Connection (Pocket 3D) : **Bluetooth**

Next

Radio Type

Set radio to **Direct Network Connection**

      The data Collector must have an Internet Connection via Sim card or WIFI

Connected to: Virtual Port A

Baud Rate: 115200

Format: RTCM 3x

Hit **Set** Button under Base IP/Port

Enter the IP Address of the Network Separated by "/"

      vrs.egps.net/2101

Select: **OK**

Hit the **Net** Button under Base IP/Port

Network Type: **VRS**

Enter NTRIP *Username* (case sensitive)

Enter NTRIP *Password* (case sensitive)

Hit the *Finish* Button to save the Equipment Configuration

Machine Files

Select the *Correct Configuration* and Select *OK*

Set Configuration to be the current equipment?

      Select *Yes* to confirm

Select Survey / Connect

Choose BT Device then OK or hit *refresh to search* for the receiver serial number

Once found *select the receiver* then select *OK*

You will see the message: *Setting up Radio Link*

Select *Setup / Radios*

Hit the *Net* Button under Base IP / Port

Hit the *Wrench Button* then *OK* to *Download Mount Points*

Select *VRS-MSM4* from the Mountpoint List

Select OK Twice

You should see the Message: *Connected to Network*

Hit the *GNSS and Radio Icon*

On the *Fix Tab* you should see *Initialized! and low RMS Values*

On the *Position Tab verify the Distance to Base*

On the *Advanced Tab select all Satellite Constellations to be Used*: GPS, GLONASS, GALILEO, BEIDOU

Select *OK* to Exit