Leica RX1250 Rover NTRIP Connection

Profile Settings

Model and Communication

GPS Model and Communication	n 📰 12 ₃ 😯	The default baud rate for the Leica
GPS Receiver	Data Collector Port SmartWorx Baud Rate 115200 Parity None Data Bits 8 Stop Bits 1	 RX1250 is 115200. To use the Bluetooth connection to connect to the Smart Antenna, simply choose SmartWorx as the port. FieldGenius will automatically find the antenna and establish a Bluetooth connection so there isn't anything else to do here. Press OK when finished.
v	ок	

Configure Tolerance Modes

Tolerance Mode 1	📰 ¹ 2 ₃ 💡	There are three different tolerance
Masks	Point Tolerance	modes that can be set.
	Obs 10	Configure the three configurations based
Elevation 15°	Time 10 sec	on your needs.
4.00	Auto Record	Once connected you can switch
		menu.
		Bross OK when finished
Vort DMS		Press OK when inished.
V 04	<	

Active Tolerance Mode			
Select Tolerance Mode 123	0	Here you can set the default tolerance mode when you first connect to the rover.	
V Tolerance Mode 1		Once connected you can switch between them on the GPS Control	
Tolerance Mode 2		Press Cancel to exit.	
Tolerance Mode 3			
X Cancel			

Active Tolerance Mode

Antenna Height

GPS Antenna Configuration Model SmartRover Antenna Height True 2.089m Bottom of antenna mount Horiz Offset 0.000m Vertical 0.089m Press to Update Calculated Height Vertical OK	You should always confirm the antenna offset to those published for your receiver and select the correct model from the list. For the Smart Antenna, you will select the SmartRover Antenna. The Horizontal and Vertical offsets displayed in the Antenna Parameters cannot be changed, these are hard coded values. In this area we also display where you should measure to, in this example you would measure from the tip of the pole to the bottom of the antenna mount. In our example, the user measured 2.0 meters exactly from the tip of rod to the bottom of the antenna mount. Once you enter this value, you need to press the "Update Calculated Height" button so that FieldGenius will compute a true height to the phase center of the antenna.
	Press OK when finished.

Correction Link		
Correction Link	📰 ¹ 2 ₃ 🕐	When working with the Smart Antenna,
[^{Mode}	Link Communication	on"
Mobile 🔻 Setup	GPS Port Cip-On 🗸	
Enable WAAS	Baud Rate	Depending on how you will be receiving your corrections, select either Radio or
[Message Type	Parity 📃 🖃	Mobile.
Message	Data Bits 📃 🔽	To receive connections over the internet
RTCM 18,19,1	Stop Bits 📃 👻	you will use Mobile.
2.3	Flow Control	Choose the message type you want to use such as CMR or RTCM.
v	ОК	Press the Setup button to set the mobile parameters.
		Press OK when finished.

Correction Link – Mobile Setup

Mo	bile Settings	12 ₃	0	The first thing you need to set is the
Co	onnection Method		•	GPRS.
Ξ	Mobile Options		Secondly you need to define the login	Secondly you need to define the login
	Model	Siemens MC75		parameters for the modem connection to
	Internet User ID	wapusers1		the internet, followed by the login
	Internet Password	wap		Information for the GPRS server.
	Internet APN (GSM)	internet.com		Press OK when finished.
Ξ	NTRIP Options			
	User ID	spider		
	Password	spider		
	IP Address	72.11.68.194		
	TCP/IP Port	7020	•	
1	1	ОК		

Datum Settings	
GPS Datum Help Horizontal Group JTM Zones, NAD83 System UTM83-11 Info Datum: NAD83 OK	Choose the datum settings for the area the GPS receiver is in. Note: You usually need to extract the grid (geoid) files for your area before using FieldGenius. To do this, use the Datum Grid Editor that is available on the FieldGenius CD that was shipped with FieldGenius or download it from our Support Helpdesk. You can access this screen by going to Start Settings Coordinate Systems