X91 with LandStar DCI (Data Collector Internet) Mode

Prerequisites:

Hardware: CHC X91 Rover Kit, Controller Kit

Software: SurvCE.

Static Mode:

Normally the default mode for a new receiver is RTK mode. To switch receiver between Static/ Real-time-Kinematic please holding [Switch Button] until record LED is off

RTK--DCI Mode:

Controller Setting

1. Insert the SIM card into Controller.

2. Log Controller into Internet

Confirm **Phone Function** has already being activated before doing the connection. If not, to active it by click **Phone/Bluetooth icon** on the desktop, and click **Phone** button.

[Start]→[Settings] →[Connections] Tab→[Connections] →[Add a New Modem Connection] →Input a name and select the modem[Cellular Line (GPRS)] →[Next] →Input Access Point Name →[Next] →Input [User name], [Password] and [Domain] if provided by network administrator→[Finish] →[Manage Existing Connections] →long press the existing name and select [Connect] from the pop out list, check the signal statement icon on the top right of the screen, it will change when the connection succeeded.

1. Install the Rover receiver like the figure:

Screw the rover receiver on the pole, and put the controller adapter in the right place like the figure.

2. Power the Receiver On and Connect it to Controller by Bluetooth

[Start] → [Settings] → [Connections] Tab → [Connections] → [Bluetooth]. Tap Bluetooth icon: [Devices] → [Add new device] → Highlight the receiver name (GNSS-serial#) → [next] → for first use, you should input Passkey "1234" or "0000" by click the keyboard in the middle bottom of the screen to open the Virtual Keyboard → [$\sqrt{}$] Serial Port → [Save]

[Com Ports] Tab: in this page you may find one option or more, if there are more than one options, delete the existing device by long pressing the device name and choose [delete] \rightarrow [New outgoing port] \rightarrow [GNSS-serial#] \rightarrow [next] \rightarrow Com 8; untick[$\sqrt{}$] [Secure connection] \rightarrow [Finish] \rightarrow [OK].



[Start]→[SurvCE]→you may be asked to register the software, choose [No] if you do not want register right now→ [Continue Last Job] or [Select New/Existing Job]→[Input new job name]→[Continue without connecting]

4. Set the Rover in SurvCE.

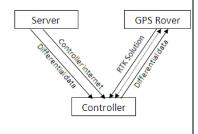
[Start] →[SurvCE]

[Equip] Tab \rightarrow [GPS Rover].

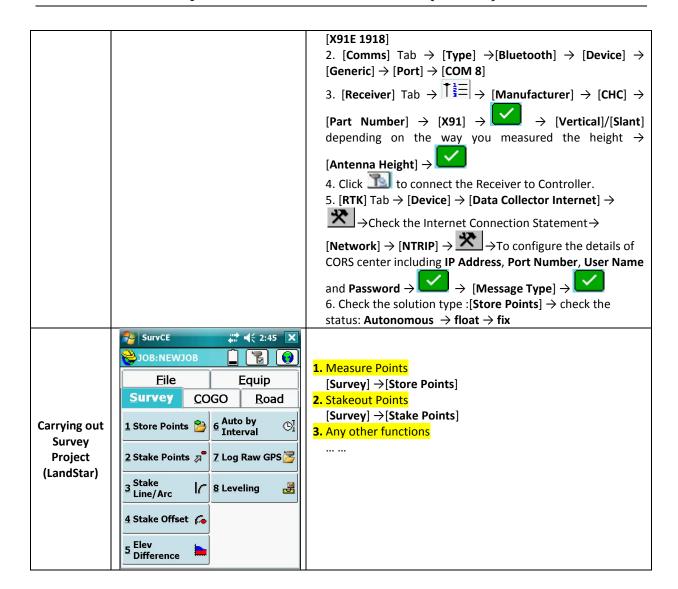
1. [Current] Tab \rightarrow [Manufacturer] \rightarrow [CHC] \rightarrow [Model] \rightarrow



Rover Installation and Setting



Quick Tour for X91 with LandStar (DCI Mode)



Last reviewed by Xiaobin 04 Jun 2012