



XPosition

Quick Start Guide

A-XGPS

REQUIRED SOFTWARE

The XPosition requires Aparian Slate software to setup and configure. The software installation can be found at www.aparian.com/software/slate.

MODULE INSTALLATION

1. Connect module to Ethernet Network by plugging cable into Ethernet port.
2. The Time Sync module requires input power of 10-28Vdc. The wiring of the power connector can be found in the wiring diagram below. Power up the module.
3. Connect Third Party GPS receiver to network by following manufacturer's instructions. Set the IP Address and Port. Enable the following NMEA messages: AVR, BPQ, GGA, GSA, GST, GSV, HDT, RMC, ROT, VTG, ZDA, with extended info in NMEA GGA and RMC strings.



NETWORK SETUP

1. Launch the Aparian Slate Configuration Software. Select the *DHCP Server* under the *Tools* menu. DHCP is enabled as factory default.

2. Click the *Assign* button and set the IP Address. Row turns green if successful.
3. Additional configuration can be set using the *Target Browser* also under the *Tools* menu. Right click on the module in the Target Browser a select *Port Configuration*.

MODULE CONFIGURATION

1. In Slate start a new project under *File, New*.
2. Add the device by selecting *Add* under the *Device* menu, and choosing the XPosition Module.
3. The Configuration form will open automatically. Fill in Name, Description, IP Address, and Major Revision.
4. Under the *External GPS* tab, provide the IP Address and TCP Port for the External GPS. Click OK.
5. Download the configuration to the module by right clicking the module in the Project Explorer and selecting *Download*. Save the Project.

ADDITIONAL INFORMATION

The following resources contain additional information that can assist the user with the module installation and operation.

Resource	Link
Slate Installation	www.aparian.com/software/slate
XPosition User Manual XPosition Datasheet Example Code and UDTs	www.aparian.com/products/xposition
Trimble precision devices	http://www.trimble.com/tsg/precision-gnss.aspx

SUPPORT

Technical support will be provided via the Web (in the form of user manuals, FAQ, datasheets etc.) to assist with installation, operation, and diagnostics.

Contact Us web link	www.aparian.com/contact-us
Support email	support@aparian.com

