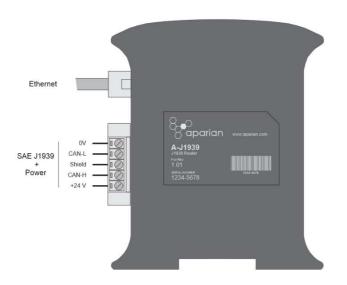# J1939 Router
Quick Start Guide
A-J1939

REQUIRED SOFTWARE

The J1939 Router requires Aparian Slate software to setup and configure. The software installation can be found at www.aparian.com/software/slate.

MODULE INSTALLATION

The J1939 Router requires input power of **10-28Vdc**. The wiring of the power and communication connector can be found in the wiring diagram below. The J1939 Router communicates on both Ethernet and CAN bus (J1939). The Ethernet connector should be wired according to industry standards which can be found in the additional information section.

The module has DIP Switches at the top. DIP switch 4 can be used to apply a 120Ω terminating resistor across the CAN network (switched between Can-H and Can-L). **NOTE: If the device is at the end or start of the J1939 network the terminator must**

be enabled. The J1939 node address of the module is set using the Slate configuration software.

NETWORK SETUP

The J1939 Router will have DHCP enabled as factory default. This the user must use a DHCP server to assign an Ethernet network address to the module. Refer to the additional information section for DHCP servers. Once the module has been assigned an Ethernet address the user can configure the module with Aparian Slate.

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
J1939 Router User Manual	
J1939 Router Datasheet	http://www.aparian.com/products/j1939router
Example Code & UDTs	
Ethernet wiring standard	www.cisco.com/c/en/us/td/docs/video/cds/cde/cde205_220_420/installation/guide/cde205_220_420_hig/Connectors.html
SAE J1939 Standards	http://www.sae.org/standardsdev/groundvehicle/j1939a.htm

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.

For additional support the user can use either of the following:

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