Bridge**Way**™ 2.0
ETHERNET TO J1939 GATEWAY (BW4031)

AB7645 and BW4031 Differences v1.5

AB7645
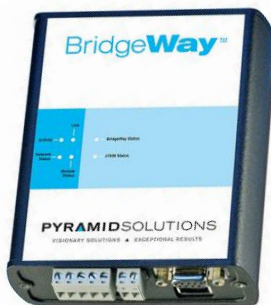
BW4031

Ethernet to J1939 Gateways

AB7645

- DB9 Configuration Connector
- Uses RS232 for Configuration
- Sits across the DIN Rail
- EtherNet/IP & Modbus TCP are not separated for config and runtime (setting byte swapping impacts EtherNet/IP)
- 16 bit legacy Microprocessor
- No support for on demand PGN bridged messaging
- Status Data starts at Register 30257
- Status in Input formatted as "0x8001"
- Uses legacy BWConfig 1.XX Tool
- Requires JAVA VM to view the AB7645 web pages, limiting current browser support

BW4031

- microUSB Configuration Connector
- Uses fast USB for Configuration
- Sits out from the DIN Rail (67% less space)
- EtherNet/IP & Modbus TCP are separated for configuration and runtime (setting byte swapping does not affect EtherNet/IP)
- Fast Dual Core 32 bit Microprocessor
- Supports on demand PGN bridging for EtherNet/IP & Modbus TCP
- Status Data starts at Register 32051
- Status in Input formatted as "0x0001"
- Uses new improved BWConfig 2.0 Tool
- No JAVA VM required for the BW4031 web pages, which lets you use any browser

PYRAMID SOLUTIONS