



PYRAMID SOLUTIONS

BridgeWay™

Product Overview



BridgeWay Overview



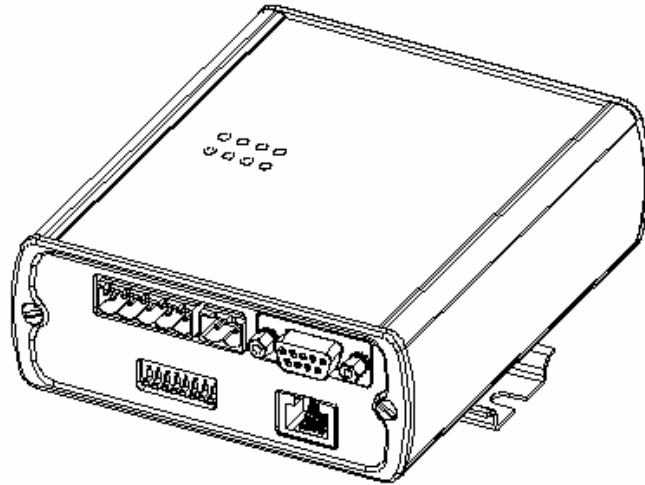
Bridge / Gateway Device (“**BridgeWay**”)

- **Family of Bridge / Gateway Products built on a common hardware & software design**
- **Scalable, highly modular communications platform**
- **Easy to configure**
- **Configurable for wide range of applications**
- **Target Markets & Applications**
 - **Industrial Automation Products & Systems**
 - **Vehicle & Engine based Machine Systems**

BridgeWay Overview



BridgeWay Housing



- Connector options
- DIN rail mountable
- IP20
- Brand labeling option
- Dimensions

W - 109.2 mm (4.30 in.)

L - 126 mm (4.96 in.)

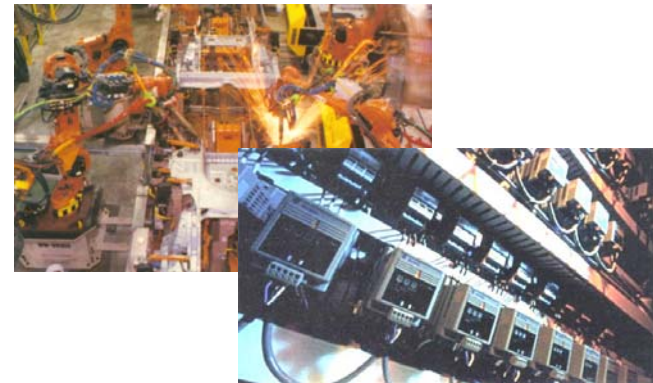
H - 41.9 mm (1.65 in.)



General Applications

Bridge/Router

- **Connect Common Industrial Protocol (CIP) based networks**
 - I/O Data
 - Message Routing
- **Create subnets**



Gateway

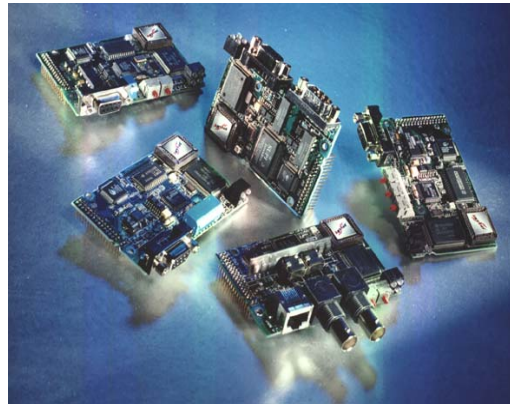
- **Connect CIP networks to other networks (e.g. Profibus DP, J1939, Modbus/TCP, others)**
- **Connect networks to pass I/O data**



Supported Protocols

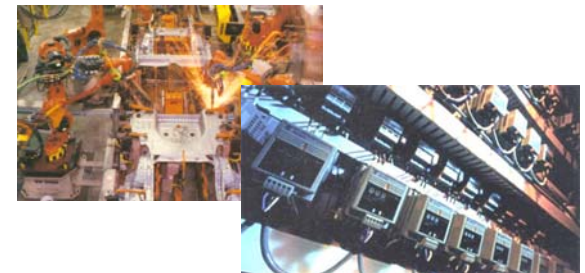
Slave

- DeviceNet
- Modbus/TCP
- EtherNet/IP
- Profibus DP



Master

DeviceNet



Check on Support for other protocols!



Supported Protocols

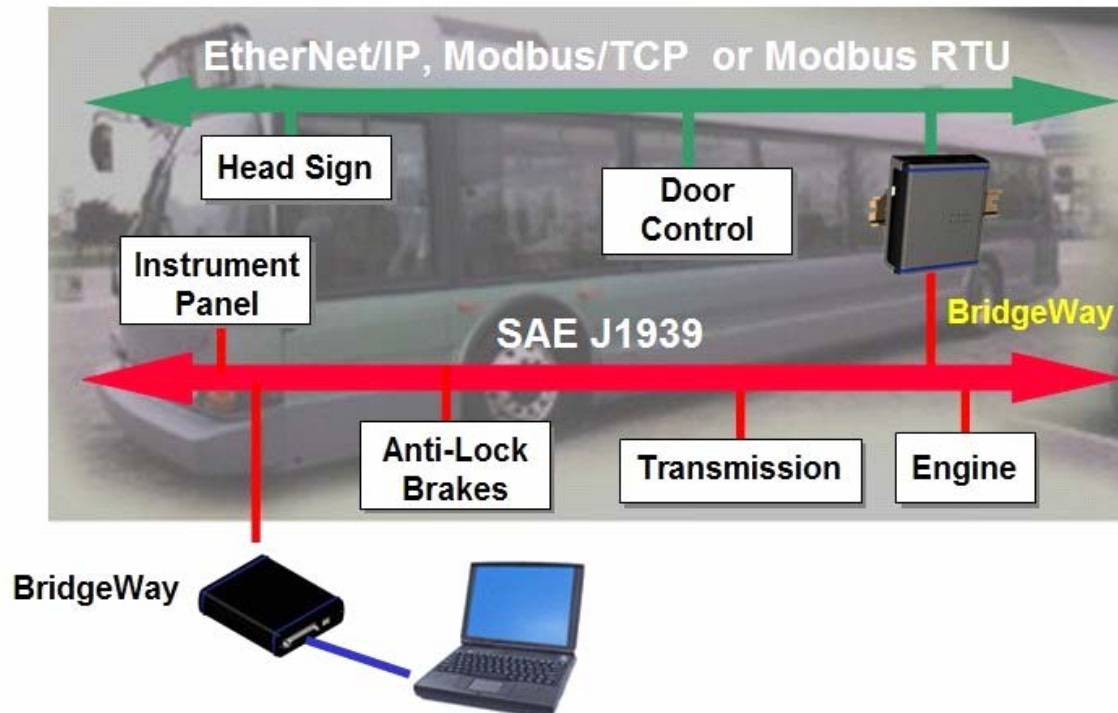
- **J1939 (CAN)**
- **EtherNet/IP (Adapter)**
- **Modbus/TCP (Slave)**
- **Modbus RTU (Slave)**





General Application Example

- On-board Network Gateway Device
- On-board PC to Vehicle Interface



Standard Products



Industrial Automation

BridgeWay Ethernet-DeviceNet Gateway

Part Number: AB7603

- ✓ DeviceNet Master/Slave
- ✓ EtherNet/IP Adapter
- ✓ Modbus/TCP Slave
- ✓ Web / FTP Server
- ✓ E-Mail Client
- ✓ 10/100Mb Ethernet
- ✓ RSNetworx MD Support
- ✓ Status LEDs
- ✓ DIN-Rail Mounting

Available Now!

BridgeWay Profibus-DeviceNet Gateway

Part Number: AB7605

- ✓ DeviceNet Master/Slave
- ✓ Profibus DP Slave
- ✓ RSNetworx MD Support
- ✓ Status LEDs
- ✓ DIN-Rail Mounting

Available Now!

* Both Modules are compatible with RSNetworx for DeviceNet and HMS's NetTool-DN

Standard Products



Vehicle Control Systems

BridgeWay Ethernet to J1939 Gateway

Part Number: AB7645

- ✓ EtherNet/IP Adapter
- ✓ Modbus/TCP Slave
- ✓ J1939 (CAN)
- ✓ BridgeWay Config Tool
- ✓ Status LEDs
- ✓ DIN-Rail Mounting

Available Now!

BridgeWay J1939 to Modbus Interface

Part Number: AB7606

- ✓ Modbus RTU Slave
- ✓ RS-485
- ✓ J1939 (CAN)
- ✓ BridgeWay Config Tool
- ✓ Status LED's
- ✓ DIN-Rail Mounting

Available Now!



Thank You!



**For additional product information
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