



# PYRAMID SOLUTIONS

## BridgeWay™

### Product Overview



# BridgeWay Overview



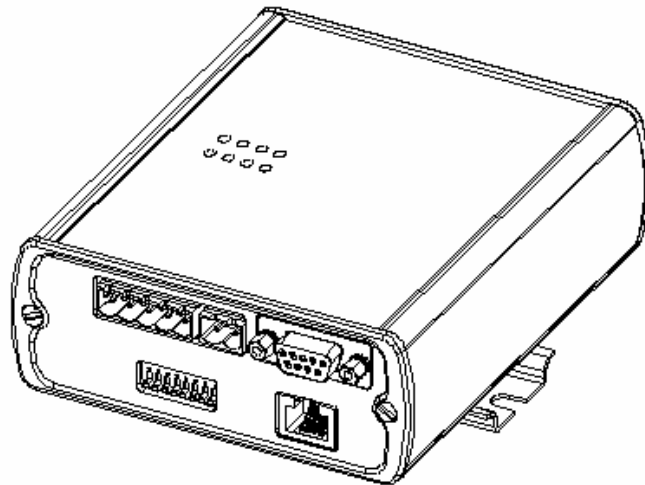
## Bridge / Gateway Device (“**BridgeWay**”)

- **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.)**

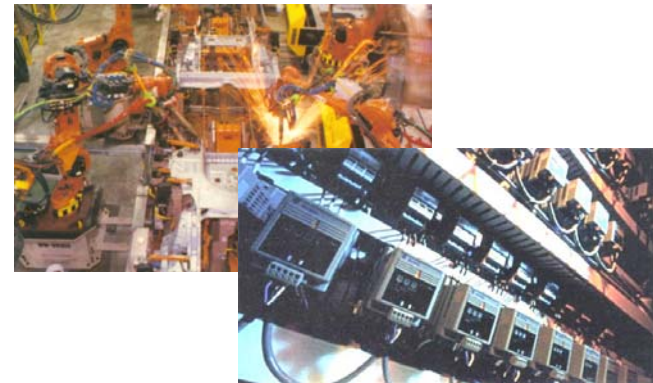
**H - 41.9 mm (1.65 in.)**



## General Applications

### Bridge/Router

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



### Gateway

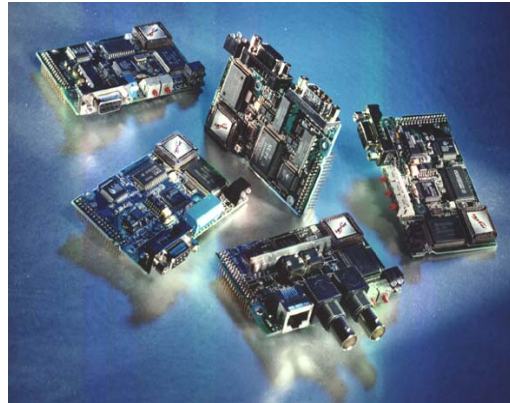
- **Connect CIP networks to other networks (e.g. Profibus DP, J1939, Modbus/TCP, others)**
- **Connect networks to pass I/O data**



## Supported Protocols

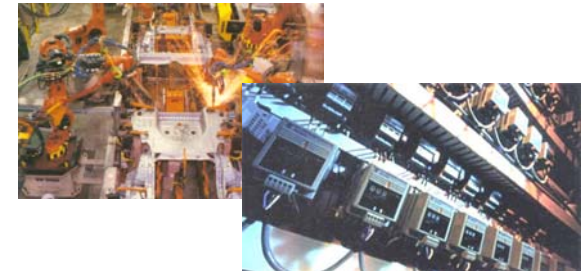
### Slave

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



### Master

DeviceNet



*Check on Support for other protocols!*



## Supported Protocols

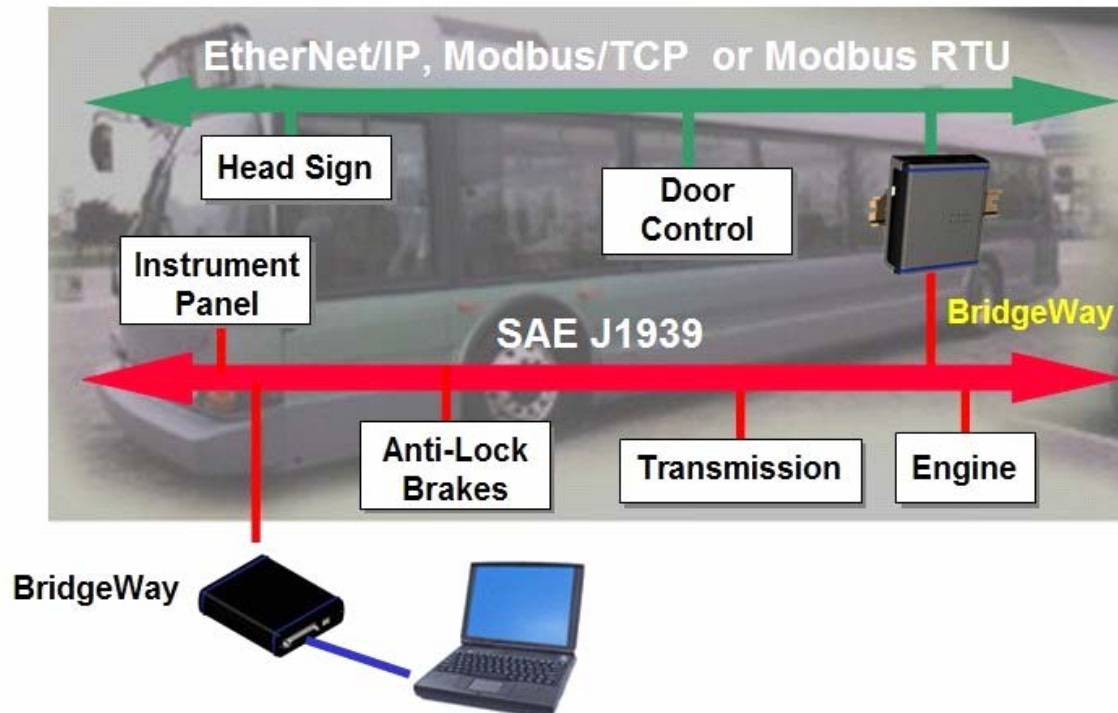
- **J1939 (CAN)**
- **EtherNet/IP (Adapter)**
- **Modbus/TCP (Slave)**
- **Modbus RTU (Slave)**





## 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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