

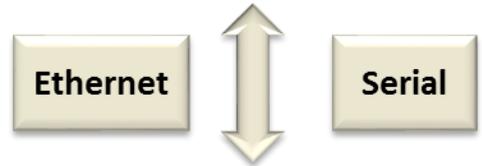
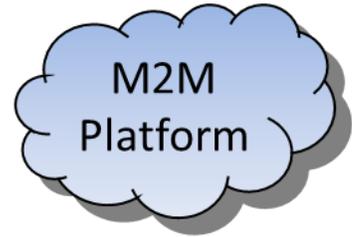
# DT9000 M2M Gateway

## Remote Management For PLC Based Equipment

The DT9000 is *the* M2M (Machine to Machine) gateway for industrial OEMs, system integrators and end users looking to add remote connectivity to industrial equipment. Supporting connections to the leading PLCs, including serial and Ethernet connection schemes, it is the fastest way to implement an M2M platform for PLC based equipment.



With 2 Ethernet ports available, the gateway can support independent Ethernet infrastructures. The serial support allows traditional PLCs to be connected to the web and your M2M platform.



### Target applications:

- ◇ Remote Service
- ◇ Predictive Maintenance
- ◇ Usage Based Billing
- ◇ Compliance Management
- ◇ Warranty Management
- ◇ Consumables Management

### Key Features:

- ◇ PLC connectivity
- ◇ Small, industrial, embeddable
- ◇ Axeda Ready
- ◇ Windows or Linux OS
- ◇ DIN rail mountable
- ◇ Cellular, WiFi options

## Axeda Ready Partner

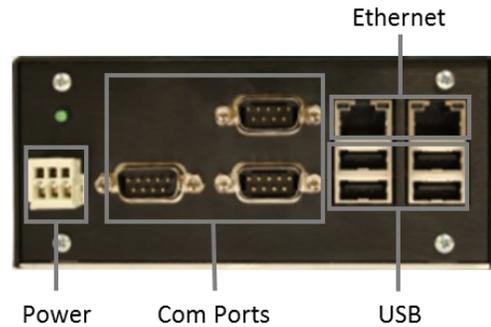


The Axeda Ready Program allows hardware and module manufacturers in the M2M industry to ensure device compatibility with the Axeda cloud-based service. The program provides a validation and approval process for edge device makers to ensure optimized connectivity with the Axeda platform. The DT9000 is an Axeda Ready product, taking the cost, complexity and risk out of implementing and providing a complete Axeda end-to-end M2M solution.

# DT9000 M2M Gateway

## Technical Specifications:

- ◆ Operating Temperature
  - ◇ -10 Deg C to 50 Deg C.
- ◆ Input Voltage
  - ◇ 9 – 40 VDC (24 VDC Nominal)
- ◆ Input Current
  - ◇ 550mA typ. @24VDC
- ◆ Intel Atom N2600, 1.6 GHz
- ◆ 2GB SDRAM
- ◆ 4—128 GB Solid State Drive Options
- ◆ Available Operating systems
  - ◇ Windows Embedded Standard 2009
  - ◇ Windows Embedded Standard 7
  - ◇ Linux (Fedora)
- ◆ Dual Ethernet ports
  - ◇ 1 x 10/100
  - ◇ 1 x Gigabit
  - ◇ Supports independent networking
- ◆ Embedded web server functionality
- ◆ Serial connections
  - ◇ 1 x RS232
  - ◇ 2 x RS232/422/485
  - ◇ 4 USB 2.0
  - ◇ 1 x VGA connection (internal)
- ◆ Ethernet PLC connections supported
  - ◇ EtherNet/IP
  - ◇ Modbus TCP
  - ◇ FINS
  - ◇ TCP/IP
- ◆ Serial PLC connections supported
  - ◇ Modbus RTU
  - ◇ Modbus ASCII
- ◆ Cellular, WiFi options
- ◆ RoHS compliant



Preliminary Documentation - specifications may change

## Specialized Engineering Services



**Diamond Technologies** has the flexibility to modify our core products or technologies to meet your specific product or project requirements. Whether you have mechanical constraints, need modifications to communication protocols, or require added or modified I/O capabilities, **Diamond Technologies** can work with your engineering team to accomplish your goals. For nearly 20 years Diamond has provided Specialized Engineering to ensure the final solution achieves our customers' requirements.

We have expertise in electronics hardware design, firmware development, industrial network communication protocols, and PC and mobile application development. Our software group has significant experience in .NET, C/C++/VB, and we have worked with most major industrial wired and wireless networks.