

The  
***Data Controller (DC)***

is the  
Ultimate Product  
for  
Data Accessing  
Data Interfacing  
Data Telemetry

Access One or Many Data Points  
Interface with One or Many Data Points  
Telemeter Data to One or Many Locations

using

Leased or Dialup Line Modem (DLM)  
Spread Spectrum Radio (SSR)  
Wired Local Area Network (Ethernet)  
Wireless Local Area Network (WIFI)  
Wireless Wide Area Network (WAN)

### Features

- Simplified Configuration
- WEB Server
- Multi-Port/Protocol Interface
- Real-time Clock
- Data Logging
- Small Package Size
- Hermetically Sealed
- Non-Volatile Memory
- Self-Diagnostics and Monitoring
- Telnet Support
- Text Messaging
- FTP Support
- 7-Year Transferable Warranty

### Protocols

- ASCII
- MODBUS (ASCII/Binary/TCP/IP)
- DF1
- DNP3

### Applications

- Oil & Gas Exploration
- Mandated Reporting
- Environmental Impact Studies
- Oceanographic Activity Analysis
- Site Remediation Monitoring
- Homeland Security
- Water/Wastewater Management

### Benefits

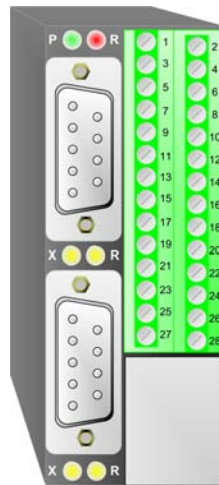
- Lower Installation Costs
- Simplified Data Management
- Remote Diagnostics
- Real-time Data Acquisition and Control
- Prolonged life of Legacy Equipment

Dimensions: 3" X 1.4"

Port 1: RS232C

Port 2: RS232C/RS485

7-year Transferable  
Warranty



Hermetically Sealed

Inputs: 2 each 4/20 mADC  
4 each Discrete

Outputs: 2 each 4/20 mADC  
4 each Discrete

(or)

Inputs: 4 each 4/20 mADC  
2 each Discrete

Outputs: 4 each 4/20 mADC  
2 each Discrete

12/30 VDC Power

Port 3: 10BaseT

DIN Rail / Bulk Head Mount

### Overview

The AGM Series **5018-x Data Controller (DC)** is a low cost (\$499), all-in-one process data management tool.

The **DC** is easily configured for use as a site to site or site to multi-site data telemetry system, a stand-alone controller, or a data concentrator using multiple **Data Controllers**.

Other built-in functions include WEB Server, Text Messaging, Multi-Protocol Compatibility, Data Logging, Password Protection, and Standalone Control.



*Solutions through Synergy*

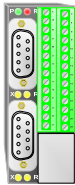
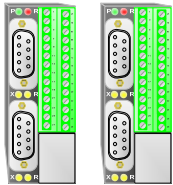
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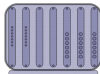


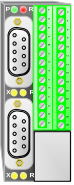
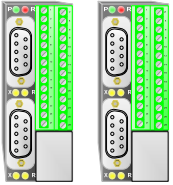
## Network Configuration Examples




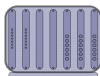


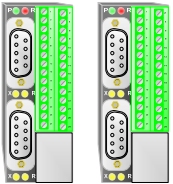
No matter what your monitoring, control or interface requirement are, the AGM **Data Controller (DC)** makes design and implementation a breeze. Whether your requirement is for a stand-alone controller, a complete distributive control system or just to add a few data points to an existing system, the **Data Controller** does it all.

### Interface Options

### Communication Mediums

<p><b>Not Applicable</b></p>	<p>DC</p> 	<p><b>Standalone</b></p> <p>Leased or Dialup Lines (DLM)                  Spread Spectrum Radio (SSR)                  Wired Local Area Network (Ethernet)                  Wireless Local Area Network (WIFI)                  Wireless Wide Area Network (WAN)</p>	<p>DC's</p> 
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<p>HMI(s)  </p> <p>PLC(s)  </p> <p>Annunciator(s)  </p>	<p>DC</p> 	<p><b>Indirect</b></p> <p>Leased or Dialup Lines (DLM)                  Spread Spectrum Radio (SSR)                  Wired Local Area Network (Ethernet)                  Wireless Local Area Network (WIFI)                  Wireless Wide Area Network (WAN)</p>	<p>DC's</p> 
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For your convenience AGM Provides a Complete Line of prepackaged **Wired and Wireless Transceivers (WTC)** - See AGM Bulletin # 5293.

**SCADA | Industrial Automation | Process Control | Stand-Alone Control | Distributive Control**