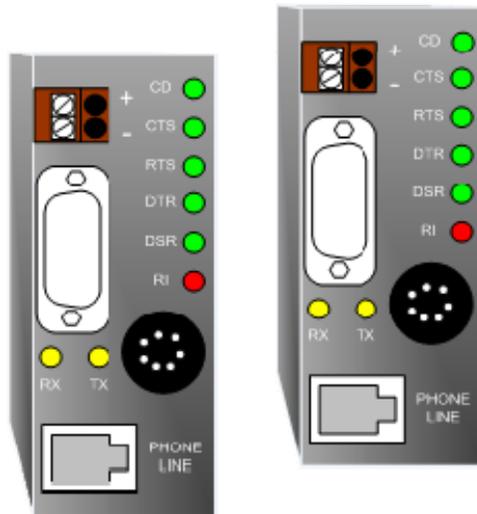


The  
***Dial-Up / Leased Line  
Modems (DLM)***

are an  
**Alternative**  
to  
**FSK Tone**  
&  
**Pulse Duration Telemetry  
Equipment**

DIN/AUX 5019-1

12 to 24 VDC



7-Year Transferable  
Warranty

1.4 X 3 Inches

### **Features**

- Small Foot Print (1.4 X 3 inches)
- DIN Rail / Bulk Head Mounting Options
- Hermetically Sealed
- 300 to 33,600 Selectable BAUD Rates
- Easily Configured for Leased or Dial-Up Line Applications
- 12 to 24 VDC Power
- Protocol Transparent
- Visual and Audible Status Indicators
- Communicates Over Dry Metallic Wire Pair
- V.92 Modem Standard
- 7-Year Transferable Warranty

### **Applications**

- Water/Wastewater Management
- Site Remediation Monitoring
- Mandated Monitoring and Reporting
- Entrance Gate Monitoring and Control

### **Benefits**

- Self-Contained
- Simple to Install
- Hermetically Sealed
- No Special Software Requirements
- 24/7 Technical Support

### **Overview**

The DLM is a multi-function Telephone Line modem that is used to provide a bidirectional data communications link between two remote sites over a single pair of wires.

The wire pair may be powered, unpowered, dedicated or leased dial-up lines from the Phone Company.

Industrial packaging insures years of reliable operation.



*Solutions through Synergy*

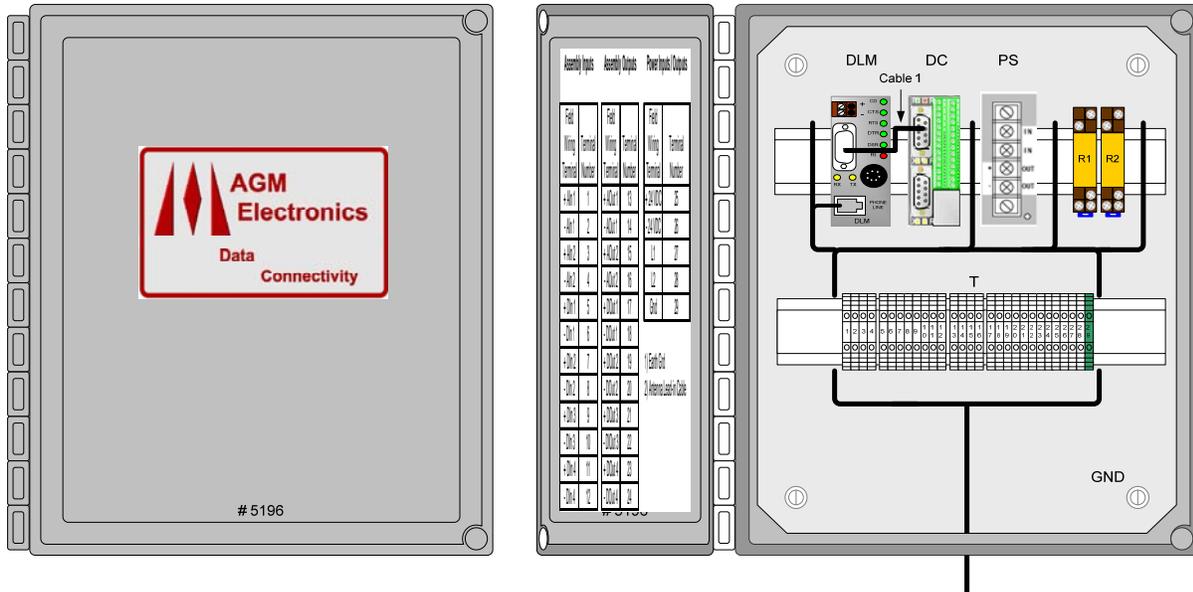
AGM Electronics, Inc  
PO Box 32227  
Tucson, AZ 85751  
P (520) 722-1000 F (520) 722-1045  
www.agmelectronics.com

# AGM Dial-Up / Leased Line Modem (DLM)

*Let AGM Put it Together for You...*

AGM offers packaged systems that are assembled and ready for installation, startup and operation when delivered.

The Wired Transceiver System (WTC) transmits and receives four 4/20 mA DC signal and two contact closures to and from each site. The AGM WTC-DLM2-2 is an example of one the systems that are available.



12X10 Inch NEMA 4X Fiberglass Enclosure  
(One WTC-DLM2-2 required per Site)

## DLM General Specifications

- Connections – 1 RS232C; Power; RJ-11 Telephone Company
- Baud Rate – 0 – 300; 1200; 2400; 4800; 7200; 9600, 12,000; 14,400; 19,200; 21,600; 24,000; 26,400; 28,800; 31,200; 33,600 bps
- Data Compatibility – V.92; V.34 enhanced; V.34; V.32bis; V.32; V.22bis; V.22; Bell 212A and 103/113; V.21 and V.23
- Data Compression – ITU-T V.44; V.42.bis; MNP 5
- Error Correction – V.42
- Status Indicators – 8
- Operating Temperature Range, -20/80 deg C
- Adjustments – Operator configurable locally from a PC
- Power – 11/30 VDC +/- 10%, nominal 2.5 Watts
- Physical – 3 X 1.4 X 3.5 (DIN), 3 X 1.4 X 2.7 (AUX)
- Safety Certifications – UL60950; cUL60950; EN60950; IEC6090; ACA TS001 / AS 3260
- EMC Certifications – FCC Part 15; Canadian EMC; EN 55022; EN 55024; GB4943; GB9254
- Registration No – AU7USA-25814-M5-E
- Ringer Equivalence – 0.3B

AGM Dial-Up / Leased Line Modem (DLM) Product Numbers - DIN5019-1 (or) AUX5019-1

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