SOLiD

ALLIANCE is SOLiD's multi-operator, neutral host Distributed Antenna System (DAS) that efficiently delivers wireless RF signals into any indoor or outdoor location difficult to cover with traditional macro networks.

Modular design and rugged construction means lower operational costs and unparalleled RF performance, cost efficiency and flexibility.

The DMS-1200 DAS Management System enables the operator to:

- Improve customer service

- Expedite issue resolution

- Eliminate unnecessary truck rolls
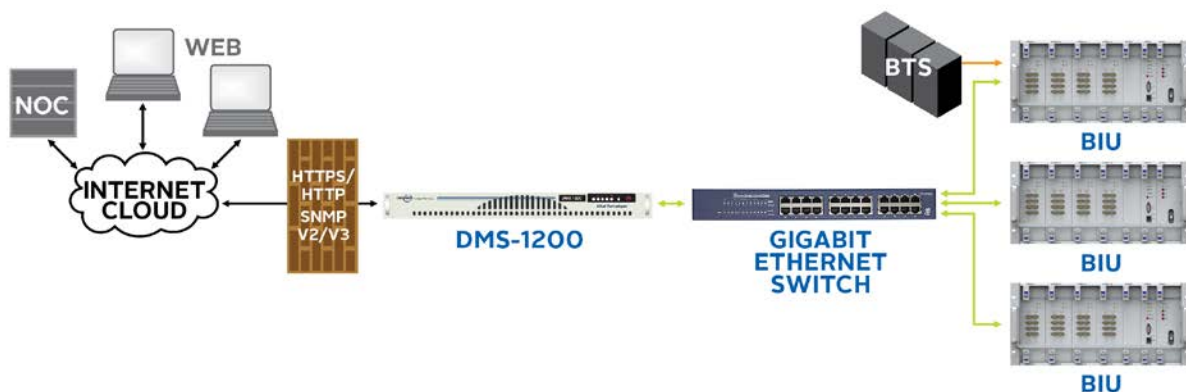
- Reduce sparing requirements

Features

SOLiD's DMS-1200 provides an enterprise level interface between the fiber optic Distributed Antenna System (DAS) and your Network Operations Center (NOC). The DMS-1200 gathers vital system information and alarm data from the DAS network and transmits via SNMP to the designated NOC facility for monitoring.

The DMS-1200 keeps downtime to a minimum and ensures your SOLiD system remains reliable. Comprehensive DAS system health checks are continually conducted and changes in status and alarm detection are reported in real time.
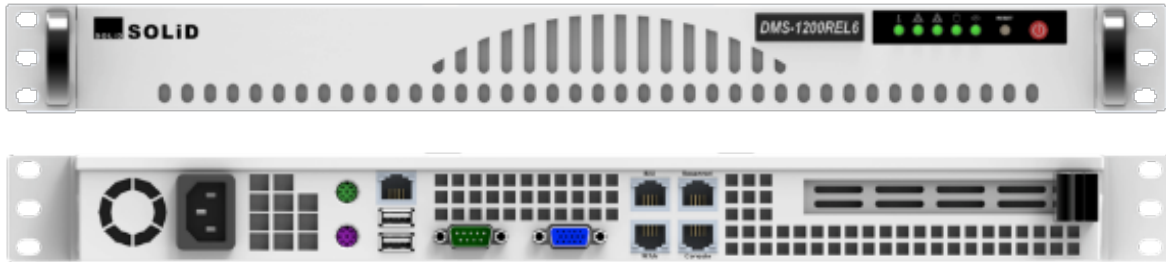
Whether you monitor with your own network computer or utilize a sophisticated carrier-grade NOC, the DMS-1200 is the interface that will perform to the highest of standards in any application. The DMS-1200 provides these management functions for the DAS network:

- Centralized management for devices and auto discovery of the DAS network topology
- Web-based management over HTTP/HTTPS for up to 20 BIU units
- Quick and Easy Configuration using EasySET commissioning and auto Power Distribution
- Configurable SNMP V2/V3 traps sent to NOC
- Support for private enterprise MIB files provided for SNMP traps
- Configurable IP settings for DMS and NOC(s)
- Auto assign BIU's IP addresses

- Real-time alarm monitoring and collection
- Alarm Control: hysteresis, alert level, troubleshooting, masking, email notification
- Programmable dry contacts
- DMS-1200 system upgrades via the web or USB flash
- Firmware upgrade for all devices from DMS
- Custom filtering and data export for Inventory reports, Alarm logs, Event logs, Trend logs
- Historical trend data for devices
- Automatic or manual backup and for restoring device settings

The DMS-1200 communicates with the DAS through the system's BTS Interface Units (BIUs) over a standard TCP/IP connection or secure HTTP / HTTPS protocol. Alarms and device status are transmitted to the NOC via SNMPv2/v3. You can access the DMS-1200 functions either onsite or remotely. The DMS-1200 server is based on the Ubuntu 12.04 LTS operating system. The user interface can be viewed in any standard web browser. Connecting multiple BIUs requires a Gigabit Ethernet switch.

Specifications

Parameter	Specification
Available Interface Ports	One LAN Ethernet Port each for WAN, BIU connection, local console port One LAN Ethernet Port reserved for future use. Two USB Ports (USB rating: 5v, 0.5amp)
External Alarm Connector	Programmable dry contacts
Serial Interface	1 RS232
Front Panel Controls / LED Indicators	System RESET button Power ON/OFF button LEDs show status for: Power, System Activity, Network Activity, High Temp Warning
Power Specifications	AC Voltage: 100-240V, 60-50Hz Amperage: 2 amps maximum Power consumption: 80 W at Full Load 6ft. cord with NEMA 5-15 plug (included)
Dimensions (W x H x D mm)	Rack-mountable (19-inch, 1U) 16.8"W (fits 19" rack) x 1.75"H (IU) x 14"D 426 mm x 43 mm (1U) x 356 mm
Weight	14 lbs (6.4 kg)
Operating Environment	Operating Temp: 50° to 95° F (10 to 35˚C). Humidity Range: 8 ~ 90% non-condensing
Power Safety / Approvals	USA: UL Listed & FCC. Canada: CUL Listed. Germany: TUV Certified. Europe/CE Mark: EN 60950/IEC 60950-Compliant. CCC Certified

Part Numbers

DMS (Data Management System)	Part Number
Data Management System (DMS) for ALLIANCE	DMS_1200 REL6

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TL9000
H,V: R5.5/R5.0

ISO9001
CERTIFIED

ISO14001