

# MANAGED SWITCH

## 8-Ethernet Ports + 4-SFP Ports Managed Gigabit Switch with PoE Out

The DataMover MSG-8E4S is a managed switch with eight RJ45 and four SFP ports to support fiber connectivity. Gigabit rates are possible on all 12 independent switching ports. Several power and POE operation modes are provided as standard features.



The DataMover MSG-8E4S switch provides tight integration with SIMREX DM WB series of radios being administered by a common NMS (SIMREX CRMS). It can also be administered through third party SNMP based NMS such as HP OpenView.

A 28VDC power supply is included. There is secondary DC jack on the back of the enclosure that supports a 48-57VDC power supply (not included, can be purchased separately).

28VDC POE output power is standard with the included 28VDC power supply. This is a common standard for powering wideband radios. The MSG-8E4S can power 48-57VDC 802.3af/at devices if 48-57VDC input is provided.

### Features:

- Supported by SIMREX CRMS NMS that supports SIMREX DataMover WB radios.
- VLAN, IGMP snooping, Spanning Tree, RSTP.
- Diagnostics include seamless bandwidth monitoring and bandwidth testing between switches and DM WB series radios.
- Ethernet -Eight 10/100/1000 Mbit/s Fast Ethernet ports with Auto-MDI/X. Hardware, port mirror support. Shielded connectors.
- Four gigabit SFP ports for fiber connectivity
- Console port (RS232 RJ45)
- Reset button.
- LEDs - Power, AUX, (4) SFP, (8) Ethernet, (8) POE out
- Power Input - DC Jack: 18-28VDC or 48-57VDC
- PoE Output - Supports 18-28VDC PoE output on ports 1-8 with 28VDC power supply.
  - Max current 1A per port. 2.75A max total
  - Supports 802.3af/at devices if the 48-57VDC input is used.
  - Max current 450mA per port. 1.4A max total.

### Specifications:

- Dimensions - 8 x 5.75 x 1.6 inches (200 x 146 x 41mm)
- Weight without packaging and cables: 1.2 lbs (540g)
- Power Consumption - max 10W not including POE loads.
- -40C to +70C temperature rating.