AAR S-9101 Power Over Ethernet Switch Card (G08025-002-K)

The AAR S-9101 Power Over Ethernet (POE) Switch Card provides five (5) Ethernet ports to power and communicate with external devices.

- Five IEEE 802.3 1G front panel ports
  - 8 pin M12 interface (A coded)
- 1G network connections to processor and backplane
- 60W total power between 5 ports
- 30W max per port
- LED status of POE Power, Link/Activity, and Processor Health

The POE Switch Card can also be populated with a processor module and mSATA SSD.

- COM EXPRESS Mini Type 10 processor module
- mSATA SSD

Environmental Specifications when installed in an S-9101 Ancillary Card Cage (ACC):

- FCC Part 15 Subpart B Class A
- AAR S-9401 Vehicle Interior Cab Environment; Temperature, Altitude, Humidity, Vibration, Shock, EMI

Tested configuration:
- E3940 4 x 1.60 GHz ATOM processor module with 8 GB LPDDR4 memory
- 64 GB MLC mSATA SSD