Overview
The ProtecD® High Speed Encryptor (KG-540A) protects the Data-at-Rest (DAR) on InfiniBand-based storage networks. Smaller and lighter than the KG-540B, the KG-540A is designed for airborne applications.

Ideal for high bandwidth applications, the KG-540A provides low latency security for large data and video files at 32 Gb/s throughput speeds.

Features at a Glance
- 32 Gb/s aggregate throughput
- Certified to secure information classified Top Secret Codeword and below
- Cryptographic key erasure quickly renders stored data unreadable
- Low latency
- Secure software upgrade capability
- Field tamper recoverable

 NSA Certified

32 Gb/s Aggregate Throughput

Ideal for Securing Large Data Files at High Speeds

Security for Top Secret/SCI and Below

Crypto Modernization Compliant
ProtecD@R® High Speed Encryptor (KG-540A)

Specifications

- Dimensions
  - 5.25” H x 17.50” W x 24” D (3U)
    (19” Rack Mountable)

- Weight
  - 34.2 lbs

- Power
  - 270 VDC
  - 250W

- Environmental
  - Operating Temperature: 0°C to 35°C (32°F to 95°F)
  - Non-Operating Temperature: -40°C to 71°C (-40°F to 160°F)

- Interfaces
  - Four ciphertext (BLACK) 4x DDR interfaces and four plaintext (RED) 4x DDR interfaces
  - 50 μm multimode (850 nm) Short Reach fiber optics using MIL-DTL-38999 connectors
  - RJ-45 connectors for Local Console and Remote Management Ethernet

- Key Fill
  - Black key fill via DTD and SKL

- Remote Management via SNMPv3
  - Configure settings
  - View status/statistics
  - Collect audit logs for querying and archiving

- Reliability
  - 9,125 hour MIL-HDBK 217 calculated Mean-Time Between Failure (MTBF) at 30C in an airborne inhabited commercial environment