



MYK-17B

Pegasus Ground Unit



Satellite Ground Station and Encryptor/Decryptor

Specifications

- Data Rate:
TTL I/O: 1 Kbps to 10 Mbps
ECL I/O: 10 to 100 Mbps
- Operating Voltage:
110 V DC
- Power Consumption:
100 Watts maximum
- Remote Control:
RS-232C or RS-422 (GCD)
- Key Selection:
Up to 256 keys
- Key Fill:
EKMS/Benign Key Fill
- TEMPEST:
NSTISSAM
TEMPEST/1-92
- EMI/EMC:
MIL-STD-461C
- Dimensions (inches):
3.5 H x 19 W x 23 D
- Weight:
25 lbs.
- Unit Classification:
COMSEC Controlled Item

Features

- Cryptographically compatible with the KG-227 and KG-228 flight units, KGV-227 VLSI, and KI-17
- Transmitter and Receiver operation with Bypass
- Cryptographic bypass, cipher text invert, and zeroization capabilities
- Maximum data rate of 100 Mbps
- Control input and status available via front panel or computer interface
- EKMS/Benign key fill interface; accepts key exchanges from a data transfer device
- Key storage of 256 traffic keys (maximum)

- NSA-certified for Type 1 applications
- 3.5” high, 19” wide rack mount design with modern front panel interface
- Built-in Self Test, Power Transient Detection, and Randomization
- Compliant with NSTISSAM TEMPEST/I-92 and MIL-STD-461C EMI/EMC requirements
- Compliant with FCC and UL requirements

Subject to change
without notice

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