



communications

Communication Systems-East

Local Management Device/ Key Processor (LMD/KP)

Keystone of Government and International
Security Management Infrastructure

PRODUCT DESCRIPTION

The LMD/KP is the Tier 2 component of the Electronic Key Management System (EKMS) that provides workstation services to the COMSEC custodian. The LMD/KP represents the integration of COTS technologies along with complex developed software into the fully functional end-user component of EKMS. Using a custom-designed Key Processor and a standard PC, the LMD/KP incorporates UNIX, database, and communication technologies to provide a robust work-station for the fielded EKMS system



KEY FEATURES

- Ordering of electronic and physical key
- Accounting and inventory reporting
- Distribution of electronic key
- Secure storage of electronic key
- Access to Central Facility and Tier 1 message server
- Access to Central Facility X.500 directory



KEY TECHNOLOGIES AND COTS

- SCO UNIX
- ORACLE
- X.400 RUA
- X.500 DUA
- Ethernet (KP)
- TCP/IP
- X/Windows

FUTURE TECHNOLOGY TRANSITION

- Web-based GUI
- LAN architecture
- COTS e-mail
- Alternate O/Ss
- Multiple users
- Client/Server architecture
- Integration of Government and commercial key management

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SPECIFICATIONS

Local Management Device/Key Processor (LMD/KP)

LMD

SOFTWARE

User Supplied

SCO UNIX Open Desktop, Personal
System (Includes TCP/IP and
PPP for communications)

Provided

Local COMSEC Management
Software (LCMS)
Oracle 7 Server Oracle SQL *PLUS
SQL*PLUS
X.400 Remote User Agent
X.500 Directory User Agent

RECOMMENDED HARDWARE

User Supplied

Pentium-based computer
32 MB RAM
4.0 GB Hard Drive
SVGA
3.5" Floppy Disk Drive
Mouse
RS-232 Port
Multiport Serial I/O Card
Laser Printer

KP (KOK-22A)

DIMENSIONS

Height	4.66 inches (11.84 cm)
Width	14.58 inches (37.03 cm)
Length	15.92 inches (40.44 cm)
Weight	18lbs (8.165 Kg) maximum

PRIMARY POWER

Voltage	90 to 265 Vac rms, single phase, auto-ranging
Frequency	50 to 400 Hz
Wattage	75W
Power Line Transients	The KOK-22A will not be damaged by common or transverse mode up to +/-2500 V peak and less than 2 microseconds in duration
Input/Output Ports	EIA RS-232C (serial), DS-101 and DS-102 fill ports, TCP/IP over Ethernet (IEEE 802.3)

TEMPERATURE

Operating	+32° F to 125.6° F (0°C to +52° C)
Storage	-40°F to 159.8° F (-40°C to 71° C)

For additional information contact:

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