The CMD's CDU-700 Unibus SCSI host adapter is the best solution to bridging DEC MSCP/TMSCP protocols and SCSI optical, magnetic disk and tape products.

- *16-bit microprocessor*
- *Unibus MSCP, TMSCP compatible*
- *16 KB sector buffer*
- *Command queuing and seek optimization*
- *Support up to 7 SCSI devices*
- *SCSI bus transfer rate up to 2 MB/sec*
- *Support disconnect and reconnect capability*

- *Support magnetic disk, tape and optical drives*
- *On-board utility to format, qualify drives*
- *Automatic drive configuration*
- *Dynamic defect management*
- *ANSI compatible tape format*
- *User selectable auto bootstrap*

For more information or to order call:

1-800-4-CMD-TEC
(1-800-426-3832)
In California call: (714) 454-0800

CMD™ **CMD TECHNOLOGY INC.**

1 Vanderbilt
Irvine, California 92718
(714) 454-0800 • FAX: (714) 455-1656

CMD TECHNOLOGY, INC. ANNOUNCES:
CDU-700 UNIBUS SCSI HOST ADAPTER.

The CDU-700 is an intelligent Unibus SCSI host adapter which is fully compatible with the DEC Mass Storage Control Protocol (MSCP) and Tape Mass Storage Control Protocol (TMSCP).

The CDU-700 can be used with the PDP-11/84, PDP-11/70, PDP-11/44, PDP-11/34, PDP-11/24, VAX, etc. It supports RT-11, TSX+, RSX, RSTS, ULTRIX, UNIX, VMS and other operating systems which use the DU/MU drivers.

The CDU-700 supports 16K bytes sector buffer, command queuing, seek optimization, standard SCSI bus arbitration, disconnect/reconnect, and all required SCSI commands. Up to seven SCSI target devices (magnetic or optical) can be connected to CDU-700 with SCSI bus data transfer rate to 2M bytes per second.

The CDU-700 has an on-board utility for users to configure and format drives, scan bad blocks and replace them automatically.

The CDU-700 contains a user selectable automatic bootstrap option which can boot up the system on power up. It comes standard with an installation manual and a one year warranty.

CONTROLLER SPECIFICATIONS

Emulation: MSCP, TMSCP

Bus Interface: Unibus

CSR address: (Disk) 772150, 760334, 760354, 760374, 760340, 760344, 760350, 760360
(Tape) 774500, 760404, 760444, 760504, 760544, 760410, 760450, 760454
(Disk/Tape) 772150, 760334, 760354, 774500, 760404, 760444

Interrupt priority: Level 4

Interrupt vector: Software programmable

Command queuing: 10 commands with optimized seek

Data buffer capacity: 16K-Byte sector buffer

Bootstrap: On board auto bootstrap and utility bootstrap

Formatting: On board format and bad block replacement

Software supported: All standard DEC operating systems

LED Indicators: Self test, drive error

Peripheral interface: Small Computer System Interface (SCSI)

SCSI bus transfer rate: 2MB/sec (maximum)

SCSI parity: Odd parity

Multiple device support: Up to 7 SCSI devices

System performance: Support disconnect/reconnect capability

SCSI Driver/Receiver: Single ended

SCSI cable length: Up to 20 ft. (6 m)

Operating temperature: 5ºC to 50ºC

Relative humidity: 10% to 90%, non-condensing

Power requirement: 5VDC, 2.8A

MODEL	DESCRIPTION
CDU-700/M	. . . . Magnetic disk
CDU-700/T	. . . . Magnetic tape
CDU-700/OM	. . . Optical and magnetic disk
CDU-700/TM	. . . Magnetic disk and tape

DRIVES SUPPORTED:

DISK:

CDC, C.itoh, Conner, Fujitsu, Hitachi, Maxtor, Micropolis, Priam, Quantum, Rodime, Seagate, Siemens, Toshiba, ... etc.

TAPE:

Cipher, Exabyte, Wangtek, Kennedy, Archive, Caliper, Tandberg, Fujitsu, CDC, DAT, ... etc.

ERASABLE OPTICAL:

Ricoh, Sony, ... etc.

CD-ROM:

LMS, Phillips, Toshiba, ... etc.

CMD TECHNOLOGY INC.