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 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, TSO+, 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.

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**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:** 5°C to 50°C  
**Relative humidity:** 10% to 90%, non-condensing  
**Power requirement:** 5VDC, 2.8A

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**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.ito, Conner, Fujitsu, Hitachi, Maxtor, Micropolis, Pram, 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.

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