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Using the PV SCSCFDisk to replace the Sony SMO-F551 and other MO Drives



Peripheral Vision Tech LTD (PV) (Aldermaston UK), have developed a SCSI Flash Disk which emulates the Sony SMO C301, SMO-F551, SMO-F541 and other MO drives. The 3.5" or 5.25" form factor SCSCFDisk has a standard SCSI2 interface can be configured to replace those hard-to-find SCSI disks or MO drives for legacy systems.

Data is stored on an industry standard Compact Flash (CF card), which can be easily removed (ejected). The CF card can then be plugged into a Windows PC and the data archived.

- SCSI solid state disk that uses an industry standard Compact Flash (CF Card) as its storage.
- The 3.5" form factor. It requires 5V only which is supplied via a standard disk power connector.
- Standard SCSI2 interface. SCSI2 transfer rates of (up to) 10 Mbytes/sec.
- Disk capacities only limited by current CF cards (currently 32 GB)
- No moving parts. Overcome the reliability problems of ageing hard disks.
- The SCSI Flash Disk can be configured to emulate & replace those hard-to-find SCSI disks, or MO drives, or Floppy drives for legacy systems.
- Data is stored on a Compact Flash which can be easily removed. The CF card can then be plugged into a PC and the data archived.
- Low Power, 5V only less than 400Ma.

PV aim the product as a low-cost way to give extra life for Legacy Hosts which would otherwise need to use unreliable second-hand disks.

The SCSI bridge PCB carries its microcode in Flash, that can be simply updated via the SCSI or Serial ports. It has an optional standard display module interface to drive a 2 line by 16 character backlit, LCD display.

Disk emulations exist for the following systems:

Alpha Microsystems, HP1000, Sun Spark, DEC VAX, OS2, VXworks Cannon, Applied Materials, Encore, iRMX, Nicholet, Thompson CSF, Evans & Sutherland, Rosemount RS3, Honeywell, Motorola, Measurex, Dutch Signaal, OMTI DTC51 and several Telco host applications including Avaya, Ericsson AX10, Fujitsu Fetex, Coral and 9600 series, ITT, NEC Neax, Nortel DMS, North Electric, NTT, ROLM, Sagem, Samsung telecommunications, Siemens EWSD, Stromburg Carlson DCO, Tropic, and Western Electric

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Current Fixed disk Emulations:

Conner CP30170E,
Fujitsu M2512A, M2266SA, M2516S, M1606S-256
Hitachi DK515C, Hitachi DK516C, Maxtor XT-8760
Maxtor 7345S Maxtor LXT-535SY Quantum Atlas
Quantum Atlas, Fireball, Maverick
Seagate ST15230N, ST3390N, ST5660N, ST32272WC, ST4350N
Seagate ST3283N, ST31051, ST52160N, ST34520N, ST32272N
Seagate ST31200N, ST4350N, ST32151N, ST39173, ST34371
DEC RZ23, RZ28, RZ29
HP C2247-300, C2490A-001

Current Removable, Floppy and MO emulations

DEC RWZ01
Fujitsu MCE3064SS, MCR3230SS, MCJ3230SS, MCM3064SS, MCM3130SS
HP C1113M
Konica OMD-19060, OMD-7071
IOMEGA ZIP, JAZ
Maxoptix T6-5200, T5-2600
Ricoh RO-5030E, RO-5060E
Sony SMO C301, SMO-F551, SMO-F541
Syquest M35004
Teac FC-1

