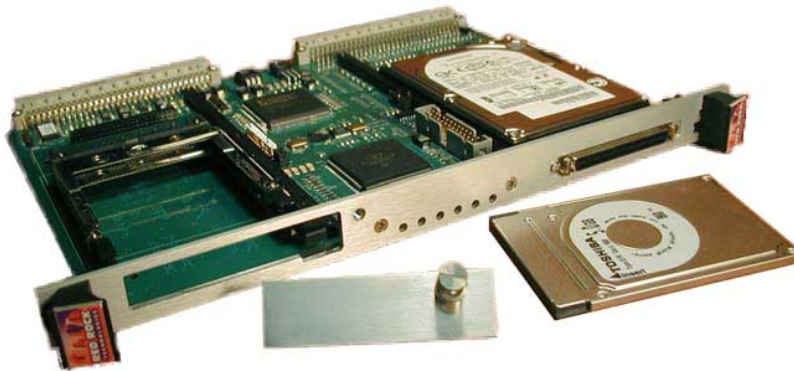# SCSI to PCMCIA Adapter

VMEbus Mass Storage Module
(Yes, it's a Storage Blade)

Model RRT-1SP-LW
SCSI to PCMCIA Adapter Module

Provides a transparent interface from the SCSI bus to PCMCIA ATA data storage devices and optionally an ATA 2.5" hard drive or Flash drive.

PCMCIA devices and 2.5" drive may be accessed as separate logical units.

Optional retainer cover holds PCMCIA cards in place.

Red Rock Technologies' plug-in SCSI to PCMCIA Adapter module enables:

- Removable media PCMCIA ATA hard drives and/or Flash drive and optional fixed 2.5" drive.

- Extremely high density mass storage within the VME card cage

- Ideal for higher shock & vibration environments

- Compatible with all CPU's using SCSI and Ultra SCSI interfaces, single-ended and LVD.

- No additional software is required for operation as a SCSI data storage/bootable drive

- SCSI bus connections can be made via the P2 connector, 68-pin front panel connector, or both

- P2 adapter accessory available

- Power is taken from the VMEbus, no separate power supply required

- Front panel activity LEDs

- SCSI termination provided within unit, SCSI ID selection 0 – 7, 0 – 15

SPECIFICATIONS

SCSI to PCMCIA Adapter Module Specifications

Capacity:	Two Type I or II PCMCIA cards plus optional 2.5" drive.
Interface:	Ultra SCSI Wide LVD, compatible with 8-bit, Single-ended SCSI-2
Throughput, Continuous	Approx. 30.0 MB/S Max. Read, Approx. 30.0 MB/S Max. Write, for hard drives.
Sector Size:	512 Bytes

Power:
+5 VDC (+/- 5%)   1.3A typical, 4.0A Max. at spinup.

Environment:
Ambient Temperature
  Operating (base module)   0 to 60C
  Non-operating (base module)   -40 to 85C

Relative Humidity
  Operating (base module)   5% to 95%
  Non-operating (base module)   5% to 95%

Reliability
  MTBF for base module   Estimated 160,000+ hours @ 25C

VME Interface:
BUSGRNT and IACK shunted to next slot. Power taken from the VMEbus. No VMEbus interface.

Mechanical:
VME Form Factor   Single slot VMEbus 6U size

Weight: 24 oz. Max.

Electrical Rating: Designed to meet UL requirements.

MEDIA OPTIONS:

PCMCIA ATA Flash Drives	Up to 16GB each card
2.5" ATA Hard Drive	Up to 120GB
2.5" ATA Flash Drive	Up to 32GB