



# SCSI DVD-R/W Drive

## CompactPCI<sup>®</sup> Mass Storage Module

(Yes, it's a Storage Blade)



### Model RRTC-1DVW-LW SCSI DVD-R/W Drive Module

Provides a transparent interface from the SCSI bus to the low profile DVD-R/W drive with ATAPI interface.

Modes of operation DVD-ROM, DVD-R/W, CDROM, CD-R/W.

Ultra Wide SCSI LVD interface, configurable for 8-bit, single-ended and SCSI-2 operation.

#### *Red Rock Technologies' plug-in SCSI DVD/RW drive module enables:*

- Fast, efficient field replacement
- Extremely high density mass storage within the CompactPCI<sup>®</sup> card cage
- Compatible with all CPU's using SCSI and Ultra SCSI interfaces, single-ended and LVD.
- Compatible with off the shelf DVD/CD utility software.
- SCSI bus connections can be made via the J5 connector, 68-pin front panel connector, or both
- Rear Transition Module adapter accessory available
- Power is taken from the CompactPCI<sup>®</sup> bus, no separate power supply required
- Front panel activity LEDs
- SCSI termination provided within unit, SCSI ID selection 0 – 7, 0 – 15

## SPECIFICATIONS

### DVD/RW Drive Module Specifications

<b>Capacity:</b>	DVD, CD capacities
<b>Interface:</b>	Ultra Wide SCSI LVD, compatible w/ 8-bit and single-ended SCSI-2
<b>Throughput, Continuous</b>	20x CD (read); 4x to 8x DVD.
<b>Power:</b> +5 VDC (+/- 5%)	2.0A typical, 3.2A Max.
<b>Environment:</b> Ambient Temperature Operating Non-operating	5° to 45° C (max. case temp of 55C) -20° to 65° C (max. range of -40° to 65° packaged)
Relative Humidity Operating Non-operating	8% to 80% 5% to 95%
Shock Base module Operating (Drive only) Non-operating (Drive only)	Not rated. Designed for shock resistance. 5G, 11mS; half sine. 60G, 2mS; 200G, 11mS; half sine
Vibration Base module Operating (Drive only) Non-operating (Drive only)	Not rated. Designed for vibration resistance. 0.3 G horiz., 0.2G vert., 5Hz to 500Hz to 10Hz, sine swept, 1.0 oct/min 2.0 G (zero to peak), 5Hz to 500Hz to 10Hz, sine swept, 1.0 oct/min
Reliability MTBF for base module MTBF for DVD drive	Estimated 160,000+ hours @ 25° C Estimated 60,000 hours @ 25° C
<b>CompactPCI® Interface:</b>	Power taken from the CompactPCI® bus. No CompactPCI® interface.
<b>Mechanical:</b> CompactPCI® Form Factor	Single slot CompactPCI® bus 6U size
<b>Weight:</b>	20 oz.
<b>Electrical Rating:</b>	Designed to meet UL requirements.

**Red Rock Technologies® , Inc., 14429 North 73rd Street, Scottsdale, AZ 85260-3131**

**Tel: 480-483-3777 • Fax: 480-483-8885 • email: [info@redrocktech.com](mailto:info@redrocktech.com) • web site: [www.redrocktech.com](http://www.redrocktech.com)**

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