

# OVERLAND STORAGE VIA™ HIGH VOLTAGE OPTION

*Plug-and-Play attachment for the High Voltage Differential SCSI World.*



## FLEXIBLE SCSI CONNECTION

Matching Overland's Neo Series of libraries to existing High Voltage Differential (HVD) SCSI systems is made simple with the V.I.A. High Voltage Option (HVO) card. The HVO card is your generation bridge for Neo Series libraries to the installed base of High Voltage Differential SCSI based servers and systems.

## VIRTUAL INTERFACE ARCHITECTURE (V.I.A.)

The HVO card was designed to fit into one of the Virtual Interface Architecture (V.I.A.) bays built into all Neo Series libraries providing a simple, seamless way to attach or share your Neo Series library. V.I.A.'s cPCI based architecture provides a new level of integration, simplification and scalability when using the HVO card to solve legacy SCSI issues. The host Neo Series library supplies power and cooling for the HVO card by means of the V.I.A. bay.

## FULL BANDWIDTH

With an 80 MB/sec maximum transfer rate the HVO card meets the performance demands of

even the fastest HVD SCSI system. Ideal for sharing Neo Series libraries between HVD servers providing a centralized cost effective backup consolidation solution.

## CONNECTOR MATCHED

HVD SCSI attachment is a breeze with the on-board high density 68 pin SCSI type connector. The Neo's standard LVD SCSI bus connector conforms to the 68 pin VHDCI (Very High Density Cable Interconnect) style used for all native SCSI connections on Neo Series libraries.

## INVESTMENT PROTECTION

The Neo's V.I.A. design offers true investment protection by allowing you to purchase a Neo Series library that will cost effectively connect to today's HVD and LVD SCSI systems while still remaining flexible enough to simultaneously support Fibre Channel and future interfaces.



- *Software transparent — plug-and-play*
- *80 MB/sec sustained data rate (up to 40 MHz dual byte transfers)*
- *High density 68 pin HVD SCSI connector compatible with Host*
- *68 pin LVD SCSI (VHDCI) connector compatible with Neo Series*
- *SCSI bus activity indicator*

## COMPATIBILITY TO KEEP YOU CONNECTED

- Supports all major operating systems including HP-UX, IBM AIX, Linux, Mac OS, Novell NetWare, SCO UNIX, Sun Solaris, Tru64 UNIX, Windows NT/2000 and more.
- Seamless compatibility with all leading tape application software.

## SERVICE YOU CAN COUNT ON

If the card is registered upon purchase as an installed feature within an Overland library, the card assumes the basic warranty entitlement of that library. If the card is purchased but not registered to an eligible library, the card is eligible for a

six (6) month return-to-factory warranty from date of purchase. Optional service entitlements to match the host library beyond the basic warranty are available. Please contact your authorized Overland Storage dealer for details.

## PROTECTING YOUR STORAGE INVESTMENT

- Over 20 years of experience in providing tape storage solutions.
- Engineering excellence with award-winning library robotics design.
- Overland meets the needs of IT professionals in industries worldwide.

## Neo Series™ VIA™ High Voltage Option

### HVD SCSI OPTION

Host connector	High density 68 pin SCSI connector
Host termination	Switch selectable
Neo Connector	LVD (VHDCI) 68 pin SCSI connector

### PHYSICAL DIMENSIONS

H x W x D	6.9 x .8 x 6.29 inches (15.3 x 2 x 16 cm)
Weight	1.5 lb (0.33 kg)

### POWER REQUIREMENTS

DC power 5 Volts	1.5 watts typical, 2 watts max.
DC power 12 Volts	.25 watts typical, .5 watts max.

### AGENCY APPROVALS

Agencies	CSA mark with an NRTL/C indicator FCC rules, Part 15, Class B EMC Directive 89/336/EEC (CE Marking) EN55022 Class A EN61000-4-2 ENV50140 Australian EMC Framework C-Tick mark AS/NZS 3548:1994 Class A VCCI Class 1 Taiwan, CNS 13438 Class
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