TeraPac®**3:** Mass Storage Expansion Unit

The **Tera**Pac®**3** is MaxVision's patent pending third generation portable mass storage expansion system. The **Tera**Pac®**3** provides an integrated compact chassis which will accommodate any of the MaxVision **HD**Pac™ removable drive magazines supporting up to eight 3.5" SATA hard drives. This can be a single **HD**Pac**8**™ or any combination of **HD**Pac**4**™ or **HD**Pac**2**™ removable hard drive magazines.

Currently MaxVision supports 320GB, 500GB, 750GB SATA and 1TB SATA hard drives. Interconnecting between the **Tera**Pac®**3** and the computer with two external mini SAS 4 channel cables, provides an amazing 2.4GB/Sec. of bandwidth. Standard cable length is 2 meters but up to 4 meters is available for additional fee. MaxVision provides a number of 3Ware® RAID controllers and I/O bracket adapters which allow easy connection to the MaxPac® **X** Class family, the MaxPac® **XL**, MaxPac® **S** Class and the MaxPac®**8080M**. The 3Ware® 9550 (PCI-X) or 9650 (PCIe) are available with 8 and 16 channels supports per RAID controller. The 9650 provides the highest performance and provides both RAID 5 (supporting single drive failures) and RAID 6 (supporting two drive failures).

Not merely an option for the MaxPac® family of rugged portable workstations, the **Tera**Pac®**3** works with any computer which has space for PCIe x4, x8 or x16 or PCI-X RAID controller. The **Tera**Pac®**3** is designed to be stacked. Two **Tera**Pac®**3's** can be connected to a single 16 channel RAID controller which provides amazing density and convenience.

The **Tera**Pac®**3** operates from 0°-50°C. Its integrated 300 watt universal power can be operated from 90VAC to 264VAC at 50/60Hz or 400Hz. In addition, the **Tera**Pac®**3** can operate from 90-380VDC for special UPS configurations offered by MaxVision. The 'Desert Proven' Filter system is also included keeping fine particle filth out of the disk and power systems. This lifetime filter system can be serviced without powering down the unit. The filter is designed to be washed and reused. The **Tera**Pac®**3** measures 13.5"W x 4.75"H x 9.5"D and weighs 25lbs. loaded with the maximum size hard disk.

The **Tera**Pac®**3** is constructed from anodized machined aluminum and is transported in a custom Pelican® 1440 roller case which provides drop protection up to 24". This case is perfect for checked baggage and currier freight. There is enough room for all needed power and data cables.   The case measures 19.70" x 12.00" x 18.00". The maximum weight with cables and 8 hard drives in the case is 45 pounds. It will float as the water tight case is rated to be submerged to a depth of 1 meter without leaking.

Tera**Pac®3**

Shown here connected to the MaxPac®**8230XRA3**, the **Tera**Pac®**3** is the perfect expansion compliment to any of our workstations.

The 'Desert Proven' Filter system is also included keeping fine particle filth out of the disk and power systems.

External MiniSAS 4 channel cables, providing an amazing 2.4GB/Sec.

The filter opens to reveal the removable **HD**Pacs™ of your choice.

Integrated 300 watt universal power can be operated from 90VAC to 264VAC at 50/60Hz or 400Hz.

Comes with water/air tight Pelican® transit case with a custom configured foam insert for shock isolation and to protect against vibration damage.

Strong anodized aluminum construction protects your storage and offers multiple configuration options.