



## SafeTape AIT4 Secure Tape Subsystem

An AIT-4 tape subsystem with built in data encryption to meet the requirements of compliance regulations whilst having no impact on throughput or capacity.

- b Up to 400 Gbytes capacity on a single tape
- b A Secure backup solution in one unit
- b Uses unique 3DES<sup>2</sup> encryption to ensure security and integrity of data
- b Compatible with all major backup software
- b Choice of SCSI LVD, SCSI HVD, iSCSI or Fibre channel interfaces
- b Also available with LTO or SDLT tape drives

### Why encrypt data on tape?

Modern systems are well protected against external intrusion by a large number of specialist appliances and software; internal intrusion is defended against by access control, audit systems and by only giving people access to information they need. To ensure the data can be recovered in the event of a disaster, system malfunction or even human error data needs to be backed up and kept at a place away from the system.

Most systems use tape as the media of choice for this operation. Once written to tape however the data is completely unprotected—no access control, passwords or audit trail is involved with the data.

To ensure this valuable data (*it must be valuable or else why is it backed up?*) cannot be accessed or modified when on tape the SafeTape range uses 3DES<sup>2</sup> encryption to ensure it remains available and that confidentiality and integrity is assured.

### Specifications

#### Interfaces

SCSI	
Connection	68 way MicroD x 2
Burst rate	80 Mbytes/sec
Sustained rate	48 Mbytes/sec
FC	
Connection	SFP
Burst rate	200 Mbytes/sec
Sustained rate	48 Mbytes/sec
iSCSI	
Connection	RJ45 Gigabit copper
Burst rate	100 Mbytes/sec
Sustained rate	48 Mbytes/sec

### AIT-4

Using a compact 3.5-inch drive form-factor and a small 8mm media format, AIT-4 drives and media fulfil Sony's commitment to double storage capacity and transfer rates from one AIT generation to the next.

Sony continues to enhance the AIT format with every generation, and has outlined a roadmap that includes up to a sixth generation member before the end of the decade. The company has also realised its goal for backward read/write compatibility with each previous generation of media. AIT-4 drives are backward read/write compatible with AIT-3 media, and read compatible with AIT-2 and AIT-1 media. The durable Advanced Metal Evaporated (AME) media provides a virtually contamination-free environment reducing the need for periodic cleaning, and has extraordinary reliability.

## SafeTape AIT4

SafeTape is **"Powered by Paranoia!"**

The Paranoia range of tape encryption products have been in use throughout Europe and North America since 1997 ensuring data remains confidential and the integrity assured.

The SafeTape products utilise the latest generation of encryption engines from the Paranoia family and are fully compatible with the Paranoia2 product range.

Part No	Description
1075-80	SafeTape AIT-4 with SCSI LVD interface, 400 Gbytes capacity
1085-80	SafeTape AIT-4 with 2 Gb Fibre channel interface, 400 Gbytes capacity
1095-80	SafeTape AIT-4 with iSCSI interface, 400 Gbytes capacity
1075-81	SafeTape AIT-4 with SCSI LVD interface, 400 Gbytes capacity, LCD status display
1085-81	SafeTape AIT-4 with 2 Gb Fibre channel interface, 400 Gbytes capacity, LCD status display
1095-81	SafeTape AIT-4 with iSCSI interface, 400 Gbytes capacity, LCD status display

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