

Scalable data protection and archiving solutions for video and broadcasting professionals

SOLUTION BRIEF



- Store up to 140 hours of video* on a LTO-8 media
- Store 1 hour of video* in less than 6 min with LTO-8 media
- Fully scalable in capacity and performance
- Cross-platform support for Windows, Linux, Solaris and Mac environments



Securing and archiving the assets

In the digital media and broadcasting realm, backup and archive are mandatory to secure and protect valuable assets. Backup and archive are different tasks. While backup secures data and is used for restore of files, folders or systems for version history or after data loss, archive is used to store data long term and/or for regulatory compliance requirements. Many times tape is used for archive due to the low cost, high reliability and portability. Inexpensive offsite tape copies support an added level of protection.

Footage is often reused and edited for new productions. Keeping all versions of production storage can cause exponential and difficult to manage data growth. Archiving obsolete assets to tape can free up production disk capacity, optimize software processing, and shorten production backup windows. LTO technology with LTFS provides for an industry standardized tape format for all digital asset managers.

Overland-Tandberg tape solutions

Overland-Tandberg stand-alone tape drives, NEO Series automated tape libraries and NEO Agility LTFS solutions are based on 30+ years of expertise in high-capacity data storage. Reduced cost of ownership, improved data availability, improved reliability, ease of data management and protection from viruses are the foundation of the NEO platform.





Solution benefits

- Archive automation
 - Reduce the risk of data loss
 - Improve data accessibility
 - Reduce data management costs
 - Simplify archiving and restore tasks
 - Improve workflow
- Scalable solution
 - Upgrade to next-generation technology
 - Add more drives to increase performance
 - Add more slots to increase capacity
- LTO technology
 - Reliable and durable
 - Low media cost
 - 30 year archival life
 - High capacity, lowest cost per GB



* ProRes422 (HQ) format, resolution (1280x720, 50)

Overland-Tandberg tape portfolio

				
Tape Automation	NEOs T24	NEOxI 40	NEOxI 80	NEOxI 8000
Product Description	Compact tape library	Mid-size scalable tape libraries with enterprise reliability	Large scalable tape libraries with enterprise reliability	Large tape libraries with enterprise reliability
Use Cases	Remote offices or small/medium businesses	Medium businesses with growing storage	Medium/large bus. with demanding data archiving/protection requirements	Large businesses with large data archiving/protection requirements
No. of Slots	24	40 in base module, 40 per expansion module	80 in base module, 80 per expansion module	560
No. of Drives	1 - 2	1 - 3 per module, maximum of 21	1 - 6 per module, maximum of 42	maximum of 42
Capacity (native, max.)*	LTO-6: 60TB / LTO-7: 144TB / LTO-8: 288TB	LTO-6: 100TB / LTO-7: 240TB / LTO-8: 480TB	LTO-6: 200TB / LTO-7: 480TB / LTO-8: 960TB	LTO-6: 1,400TB / LTO-7: 3,360TB / LTO-8: 6,720TB
Performance (native, max.)*	LTO-6: 320MB/s / LTO-7: 600MB/s / LTO-8: 600MB/s	LTO-6: 480MB/s / LTO-7: 0.9GB/s / LTO-8: 0.9GB/s	LTO-6: 960MB/s / LTO-7: 1.8GB/s / LTO-8: 1.8GB/s	LTO-6: 6.7GB/s / LTO-7: 12.6GB/s / LTO-8: 12.6GB/s
Video Storage Capacity**	LTO-6: 720hrs. / LTO-7: 1,770hrs. / LTO-8: 3,550hrs.	LTO-6: 1,200hrs. / LTO-7: 2,960hrs. / LTO-8: 5,920hrs.	LTO-6: 2,400hrs. / LTO-7: 5,920hrs. / LTO-8: 11,840hrs.	LTO-6: 16,800hrs. / LTO-7: 41,440hrs. / LTO-8: 82,880hrs.



LTFs Appliance	NEO Agility
Summary	LTFs archive appliance
Best fit	Business needing to share and store large files
Buy this product if you...	need the ease-of-access of disk and the cost-effectiveness of tape
Form Factor	1U Rackmount
Online capacity (Comp. TB)	360TB - 15PB
Offline capacity (Comp. TB)	Unlimited
Interface	SAS/FC
Encryption	No
LTFs Support	Yes
Warranty	1 yr. OverlandCare Silver Level

Stand-alone Tape Drives	LTO-5	LTO-6	LTO-7	LTO-8
Product Description	Industry standard for backup and archive			
Use Cases	Remote offices or small/medium businesses			
Interfaces	Internal: SAS and FC / External: SAS			
Capacity (native)	1.5TB	2.5TB	6TB	9TB - 12TB
Performance (native)	140MB/s	160MB/s	300MB/s	300MB/s
Speed Matching	47-140MB/s	54-160MB/s	101-300MB/s	112-300MB/s
Video Storage Capacity**	18hrs.	30hrs.	74hrs.	148hrs.

* per module

** per module, ProRes422 (HQ) format, resolution 1280x720, 50

Sales and support for Overland-Tandberg products and solutions are available in over 90 countries. Contact us today at sales@overlandtandberg.com

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