

RACK-MOUNT SYSTEM

ELS1000

High-Density Rack-Mount Optical Library

More preservation density without changing the architecture.

ELS1000 expands nearline optical capacity and drive count in a 10U rack footprint while remaining part of the same oRain-managed preservation environment.

**1,152**

maximum media

Up to 12

drives

747 TB

with 1TB media

10U

rack footprint

WHERE IT FITS



For Active Archive, performance storage and nearline preservation work together. For preservation-only deployments, cache can be cleared after successful optical preservation.

BUILT FOR

- High-density enterprise preservation
- Large imaging, evidence and content repositories
- Active Archive paired with performance storage
- Scale-out environments requiring more drive concurrency

Technology changes. Information persists.

ELS1000

TECHNICAL OVERVIEW

Core specifications

Underlying model	HDL1152
Cartridges / media	96 cartridges; 12 media each; 1,152 max
Magazines	4; 24 cartridges per magazine
Capacity	187 TB / 374 TB / 747 TB (200GB / 500GB / 1TB)
Drives	Up to 12
Power	110-230VAC 50-60Hz; 450W peak / 200W typical
Dimensions	17.7 x 17.5 x 36 in; 448 x 445 x 930 mm
Rack / max weight	10U; 352 lb / 160 kg

INTEGRATION & MANAGEMENT

- S3-compatible object access
- oRain provides unified management across ELS systems
- Performance tier can be sized independently of preservation capacity
- Nearline media remains directly addressable through automated libraries

PRESERVATION & RESILIENCE

- Write-once optical preservation
- Optical RAID 11+1 protection and recovery
- Intelligent power management
- Designed for long-lived information that must remain trustworthy

ONE ELS FAMILY. ONE MANAGED ENVIRONMENT.

ELS systems can operate as preservation infrastructure or as the optical foundation of Active Archive. oRain provides a unified object and storage-management layer across systems.

Specifications are configuration-dependent and subject to final system design. Media capacities shown reflect supported media classes in current product specifications.