

STAND-ALONE SYSTEM

ELS100

Compact Optical Preservation Appliance

Compact preservation for edge, departmental and branch environments.

A compact automated optical platform for durable nearline preservation. Pair with a performance tier when Active Archive access is required.

**100**

maximum media

Up to 4

optical drives

65 TB

with 1TB media

160W

typical energy

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

- Edge, lab, departmental and branch repositories
- Evidence, records, imaging and project collections
- Compact preservation or Active Archive deployments
- Pilot deployments that can scale into the ELS family

Technology changes. Information persists.

ELS100

TECHNICAL OVERVIEW

Core specifications

Underlying model	HMS2070
Cartridges / media	2 cartridges; 50 media each; 100 max
Capacity	16 TB / 32 TB / 65 TB (200GB / 500GB / 1TB media)
Drives	Up to 4
Power	110-230VAC 50-60Hz; 450W peak / 160W typical
Dimensions	9.4 x 20.3 x 25.4 in; 240 x 515 x 645 mm
Max weight	79 lb / 36 kg

INTEGRATION & MANAGEMENT

- Standard S3-compatible object access
- oRain Storage Management tracks object and media location
- Write Strategy governs placement and preservation copies
- Browser workflows support discovery and restore

PRESERVATION & RESILIENCE

- Write-once optical media for immutable preservation
- Optical RAID 11+1 protection and recovery model
- Intelligent power management reduces idle energy
- Designed to reduce repeated disk refresh cycles

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.