

Archiving Solutions Designed with Healthcare Clinics in Mind

Benefits

- > Secure and cost-effective archive storage solutions specifically designed for healthcare clinics
- > Access to vital patient records when you need them
- > Unmatched media longevity and authenticity with UDO 60GB archiving technology which meets HIPAA requirements
- > Easy-to-use, integrated appliance that requires limited IT support
- > A lower Total Cost of Ownership than any other long-term archiving solution on the market.

The remarkable advances in technology over the past several years have created a medical revolution. Today's healthcare technology has dramatically enhanced the way professionals like you diagnose and treat patients. Yet this same technology has also created a challenge — vast amounts of patient data that must be kept securely for the life of the patient. The sheer amount of data, along with ever more stringent government requirements creates a challenge for healthcare organizations. Fortunately, there is a solution that is both cost-effective and more secure than any alternative on the market today — the Plasmon UDO Archive Appliance Express (AA Express).

Diagnostic and imaging clinics with limited IT resources can't waste time and money on solutions such as outdated tape-only backup solutions that are ill-suited for long-term, easy access to patient records. And disk-only systems fail to meet the long-term data retention requirements of the healthcare industry due to their limited life expectancy. The AA Express is designed in collaboration with leading medical integrators specifically for medical facilities like yours. Unique blue laser technology permanently stores vital patient data on UDO (Ultra Density Optical) media designed to meet HIPAA regulations for longevity and authenticity. Further, the AA Express is the only true long-term archiving product on the market today, with media built to be virtually immune to temperature change, water, humidity and even powerful magnetic fields that would render lesser products useless. With an operating life of more than 50 years and a shelf-storage life of more than a century, it's easy to see why so many clinics are turning to the AA Express.



Real-time access — long-term storage

Data is only useful when it's accessible, which is why the AA Express is designed with a RAID cache to provide you with real-time access to patients' charts and images. UDO's Phase Change, hardware-based Write-Once-Read-Many (WORM) technology is the industry standard for retention and means that patient data cannot be altered or unintentionally destroyed. Patient records will always be available when needed — ensuring true, compliant authenticity. And UDO media is removable, providing a very effective and low cost disaster recovery solution for your clinic.

Easy-to-use technology that grows with your business

Not only is the AA Express cost effective, but it works with leading healthcare applications right out of the box integrating seamlessly with your existing hardware and requiring minimal configuration time. With a network-attached storage server interface, the AA Express will simply appear as another drive on your network. Additionally, software for storage and media management is integrated into the system at no additional charge. The AA Express also comes with remote diagnostics and naturally, support is only a phone call away. Technicians, if needed, can be dispatched worldwide to your location within one business day¹. And as you grow, it is easy to upgrade to larger UDO Archive Appliance solutions.



UDO technology is designed to be backward-read-compatible, so you can expand capacity without the need to copy old information to new media, which exposes archived data to potential loss, tampering or corruption and costs you money. Additionally, Plasmon's commitment to doubling the storage capacity of UDO media every couple of years means that your AA Express solution will be able to store more data.

An environmentally and financially responsible archiving solution

Best of all, the Total Cost of Ownership for an AA Express system is far less than competing systems that offer only a fraction of the protection for your patients' data. Because data is permanently archived only once and not needlessly re-written again to other backup systems, capital and operating expenses are significantly reduced. And because only the most current data resides on spinning disk, the AA Express requires minimal power, and is a "green" technology.

With the AA Express, you'll be up and running your system quickly. Each AA Express archive solution includes:

- > New 60GB UDO2 technology
- > RAID cache, delivering high-performance access speeds to archived data
- > Network-attached storage (NAS) server interface, providing simple network access to the archive
- > Integrated software for storage and media management included at no additional charge

Specifications

General	UDO capacity	UDO2: 60GB
	Number of UDO Drives	1 standard
	RAID Cache	170GB standard
	Network	Gigabit Ethernet
	Protocols	CIFS / NFS
	Mean Time To Repair (MTTR)	<4 hours
Environmental	Power Requirements (W)	225
	Heat Dissipation (BTU/hr)	939
	Operating Temp.	10°C to 40°C (50°F to 104°F)
	Operating Humidity (non-condensing)	10 to 90% RM
	Non Operating Temperature	-30°C to 60°C (-22°F to 140°F)
Dimensions and Weight	HxWxD (cm)	8.8 x 44 x 55
	HxWxD (in)	3.5 x 17.5 x 21.85
	Rack Size	2U
	Net Weight (Kg/lbs)	15 / 33
Shipping Dimensions	HxWxD (cm)	38 x 57 x 79
	HxWxD (in)	15 x 22.5 x 31
	Net Weight (Kg/lbs)	27 / 59
Certifications	Safety	CE, UL 1950, cUL950, EN60950, IEC950
	Emission	FCC Class A, CISPR 22 Class A, EN55022 Class A
	Immunity	EN55024, EN61000-3-2, EN61000-3-3
	International	ISO 9001, CCC, VCCI-A

¹ Based on service level selected

Plasmon offers the only enterprise-class active archive solution that ensures data permanence, authenticity, access, longevity and removability, at the low total cost of ownership that businesses demand.

Archive without compromise.

Plasmon is ISO 9001 certified.

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