



ULTIMA TERABOX LIGHT Compact and efficient archiving

The light version of Ultima Terabox assures secure archiving of your data and images for short- and medium-term durations. Thanks to its web portal, the product distributes images and clinical reports

within your institution or from a distant location. The RAID 5 technology guarantees high security for your archive and allows hot swap of defective hard drives while staying online.



Features

ARCHIVING

- Fast and secure archiving, multi-criteria search
- Real Time DICOM accessibility
- Storage management in time (compression)
- Archiving of raw images and reformatted images with annotations

COMMUNICATION WITH DICOM ENTITIES

- Multi-manufacturers, multi-modalities (unlimited connections)
- Complete communication methods (send, receive, retrieve)
- Automatic routing to multiple destinations according to rules based on DICOM fields

HIS/RIS COMMUNICATION

- Patient information update (A08)
- Patient/exam data fusion and reconciliation (A40)
- Medical Reports Integration (R01)

VIEWER

- Complete set of measurements & annotations / advanced comparative mode & MPR
- Web Viewer, unlimited & simultaneous remote connection

VIRTUAL MEDIA

- Cloud sharing of DICOM studies in 1 click
- Studies, DICOM viewer & clinical report are selected and automatically packaged

- The package is encrypted, password protected, and sent to the Cloud in 1 click
- An e-mail including the link and the password is automatically sent to one or more destinations
- The e-mail template is completely customizable and includes instructions
- The expiration date of the stored studies is configurable
- Data are encrypted (AES 256) and totally secured (SSL protocol)
- The storage space is certified SSAE16/SOC1, SOC2, ISAE 3402

INTERFACE

- Ergonomic, user-friendly and multifunctional
- Web architecture, unlimited simultaneous connections from all PCs in your institution
- Advanced & completely configurable user accounts and administration rights
- Complete real-time tracking of orders: deleting, media virtualizing, sending, viewing, etc.
- Complete audit log

CLINICAL REPORT

- Creation of clinical reports with images & hyperlinks on Ultima web interface
- Reports imported in several formats
- Automatic inclusion of reports through the RIS (HL7)

Options

REPLICATOR : Instantaneous and configurable data replication through the network on an independent storage box

WEB REMOTE ACCESS : Remote and secure connection to the Terabox through the web, with different levels of compression for quick viewing

Advanced & completely configurable user accounts and administration rights

QUALITY CONTROL : Correction of discrepancies between acquired images and patient information associated with those images

Ability to auto-match Patient and Study information from the Worklist or PACS, as well as to manually correct error

Specifications

ULTIMA DICOM SOFTWARE

Fully DICOM 3.0 compliant & provides the following DICOM services:

- Verify SCU/SCP
- Store SCU/SCP
- Query/Retrieve SCU/SCP (C-GET/C-MOVE/C-FIND)
- Storage commitment SCP
- IHE compliant

CHENBRO MINI-ITX SR30169T2

- Intel® Core™ i3-3225 CPU #3.30GHz
- RAM: 4GB
- Windows 7 Professional
- Microsoft SQL Server 2008 R2 Express
- Dimensions (H x L x D) 31 x 20 x 27 cm
- Weight 5.2 kg
- 100 - 240 V, 500 W
- Integrated Network Card 1GB
- Flat Monitor E2014H 49.4 cm (19.5"), VGA and DVI-D
- Optical mouse and keyboard

Hardware Configuration

- Patients' data and database installed on hard drives configured in Raid 5
- Automatic e-mail alert in case of hardware errors
- **Possible configurations:**

Model	Storage capacity
Ultima AL02	2 TB Usable
Ultima AL03	3 TB Usable
Ultima AL04	4 TB Usable



Ultima Terabox Light, distributed by Medsquare

DICOM Software, powered by our partner MPTronic



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