

Highlights

- RAID 5 archiving with initial raw capacity points of 1, 2, 3 or 4 terabytes (TB)
- Embedded database with DICOM engine for image archiving and management
- Web-based system administration and operator interface
- SSL connection Support
- DICOM Encapsulated support for attaching non-DICOM files (PDF, TIFF, etc.)
- Tower configuration minimizes space requirements
- Optional Automated and Manual DICOM routing
- Optional FDA 510(k) cleared web-enabled Viewers
- Optional pre/post fetching of relevant priors
- Optional HL7 Support for integration with EMR, RIS or HIS
- Optional Modality Worklist and patient registration
- Optional Tape Drive for data back-up



iMed-Stor™ DICOM Archive

Breaking Through the Price Barrier

Managing and archiving digital medical images on CDs or DVDs is indeed frustrating and costly. Not only do the physicians not have immediate access to studies when and where they need them, but the administrative overhead cost is a monthly recurring line item and sensitive patient data on CD or DVD can create HIPAA compliance issues if they are lost or misplaced.

Introducing iMed-Stor™ 300 from Candelis, the most trusted name in medical image archiving and management.

Think of iMed-Stor™ 300 as your personalized and cost effective DICOM Archive with a FDA 510(k) cleared web-enabled viewer, which allows you to view studies from anywhere. iMed-Stor is compatible with any DICOM modality and is available in capacity points ranging from 1 to 4 TB in a RAID 5 configuration.

iMed-Stor is an archive appliance which simply connects to your network and starts receiving studies from your modality. There is no expensive installation or IT expertise required and no down time in operations. With iMed-Stor, managing and archiving studies from modalities like CR, DR and Ultrasound, Digital Mammography, MRI, CT and PET/CT becomes easier and less costly, allowing imaging centers and clinics to focus on patient care and profitable growth. iMed-Stor complies fully with DICOM protocols and standards, which means that it can work seamlessly alongside any PACS.

Diagnostic Viewing from Anywhere

With iMed-Stor's optional web-enabled FDA 510(k) Cleared DICOM viewer, diagnostic reading is possible from anywhere, whether it is down the hall from the modality/exam room or a home office. Regardless of where you are, you can now have studies come to you via a secure internet connection.

Versatility

iMed-Stor is extremely versatile and can be deployed in environments with or without PACS:

- Private practices with Ultrasounds, CR/DR, CT or other DICOM modalities
- Departments within hospitals
- Modality archive
- Diagnostic imaging centers
- Multi-physician clinics
- Orthopedic clinics
- Chiropractor practices
- Podiatry practices
- Veterinary Clinics and Hospitals

iMed-Stor is about cost-effectively and securely archiving your patient's images and studies with fast access for better patient care.

iMed-Stor 300 Specifications

System Features

Built-in Storage

- 4-drive RAID 5 disk array (cold spare highly recommended) – for primary image storage

Setup and Configuration

- Complete Web-based user interface for system administration

Network Connection

- Auto-sensing network connection
- Automatic IP address assignment

DICOM Connections

- Base configuration includes (2) remote AE Titles
- Additional Remote AE Titles up to a maximum of 4 are available as an option

Optional Viewers

- FDA 510(k) cleared web-enabled Radiology and Mammography Viewers

3rd Party Viewing Software

- Supports most DICOM-compatible viewers

Data Back-up

- Optional built-in Tape Drive

Standard and Extended Warranty

- 1 Year Hardware Warranty with Next Business Day On-site Support in U.S. and over 100 countries
- 1 Year Software Warranty including software updates via remote access (requires internet connection)
- Extended Hardware and Software Warranty available as option

Specifications

Storage, Raw Capacity

- 1 TB Raw, 2 TB Raw, 3 TB Raw and 4 TB Raw RAID 5 configurations

Agency Certifications

- AS/NZC 3548, ICES, GB 9254 – CNCA, FCC Part 15, CE, CIS PR22, VCCI, CNS 13438

Physical (Tower Chassis)

- Width: 8.27 in (21 cm)
- Height: 17.94 in (45.57 cm)
- Depth: 24.01 in (61 cm)
- Weight: 56.01 lbs (25.4 kg)

Power

- Single power supply (490W)

Operating Environment

- 50°F to 95°F (10°C to 35°C)
- 20% to 80% humidity (non-condensing)
- Altitude: -50 ft to 10,000 ft (-16m to 3,048m)
- Operating Vibration: 0.26G at 5Hz to 350Hz for 2 minutes
- Operating Shock: 1 shock pulse of 41G for up to 2 ms

Non-operating Environment

- -40°F to 149°F (-40°C to 65°C)
- Up to 95% humidity (non-condensing)
- Storage Vibration: 1.54 Grms Random Vibration at 10Hz to 250Hz for 15 minutes
- Storage Shock: 6 shock pulses of 71G for up to 2 ms



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