

OPTIMA - T₂

Innovative Imaging SOLUTIONS



ASSURANCE

OPTIMA CR READER SPECIFICATIONS

Dimensions:	21 in W x 22 in D x 15.5 in H	
Weight:	86 lbs.	
Power Requirements:	120 VAC	1.5 AMPS
Network Connection:	100 Base TX / 10 Base T	

IMAGING DISPLAY and PROCESSING CAPACITY

Size	Display Time	Throughput (IP/HR)
8x10	35 Sec	72 per Hour
10x12	42 Sec	60 Per Hour
14X17	50 Sec	47 per Hour

CASSETTE AND IMAGING PLATE OPTIONS

Cassette Type:	Fuji CC
Imaging Plate:	Fuji ST V-1
Sizes:	8x10, 10x12 & 14x17

OPTIONS

Assurance Workstand
19" Touch Screen Monitor

OPTIMA-T₂

Image Management Workstation V 2.3



- Import patient database stored in CSV format
- Import DICOM files
- MWM (Modality Worklist Management) provides access to both patient and study information (option)
- DICOM Print connectivity to any DICOM Printer (option)
- Print to paper
- DICOM Store allows for images to be sent to other DICOM destinations
- Query and search the database by using keywords or customize to your search criteria

DICOM Image Viewer

OPTIMA-T₂ incorporates a sophisticated DICOM Image Viewer that allows users to view their DICOM images. The DICOM Image Viewer contains a series of tools that allow for image manipulation, annotation and different image presentations.

Features:

- Window, level
- Pan
- Mag and Zoom
- Image comparison display
- Measurement tools: Straight lines or angles including obtuse, dual, Cobb and CTR (Cardio Thoracic Ratio)
- Dynamic measurement display
- Invert
- Flip, rotate
- Display up to 24 images on one screen
- Free layout print
- Customizable toolbar setting based on user preference
- Reset images to original state
- Re-process images from the image viewer
- Annotations: Text, ROI, square
- Annotation Markers

Archive

OPTIMA-T₂ allows for images to be archived and distributed using several methods.

- Images are simultaneously backed up to NAS for disaster recovery. The images remain on the Local HD for viewing.
- Images can be sent to CD with incorporated DICOM Viewer
- Output images as jpeg, bmp or DICOM for use in presentations and other purposes

Application

OPTIMA-T₂ is a complete image management workstation that provides users with a complete set of tools to acquire, process, view and archive images all from one workstation. It has been designed to accommodate the imaging needs of low to mid volume private practice facilities.

OPTIMA-T₂ Server

Image Acquisition

Customized menu sets are provided according to practice specialties. Patient registration is input manually or via DICOM worklist.

OPTIMA-T₂ server PC

Features:

- Customized anatomical menu sets
- Rapid image preview display
- Advanced re-processing functionality
- Flip and rotate from the image preview screen
- MFP (Multi Frequency Processing) selectively applies varying degrees of edge enhancement for improved image quality
- FNC (Flexible Noise Control) selectively reduces noise levels without loss of image sharpness
- GPR (Grid Pattern Removal) automatically detects grid patterns, then uses a two-dimensional technique to remove appearance of a moiré pattern
- Security and user restriction features to enable technologist log in and log out
- Import ultrasound images (option)
- Import general purpose images such as jpeg to associate with study



Includes 24" Wide Screen Monitor
19" Touch Screen Monitor (Optional)
ASV - Workstand (Optional)