



PRODUCT SPECIFICATIONS

Maven Master 14 x 17 Flat Panel Wireless DR System

14x17 inch CsI Wireless, cassette size DR Flat Panel Detector, with advanced acquisition VOYANCE software and PACS



System Specifications

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14x17 inch CsI Wireless, cassette size DR Flat Panel Detector

- Active area (Real Image Size):
- 360x430 (14x17 inches)
- Overall Dimensions: 344x459x15 mm (13.5x18x0.59 inches)
- Weight: 3.8 +/- 0.25 Kg
- Power Consumption: Idle - 3.3 watts, Acquisition - 7.8 watts, Image Transfer - 10.2 watts
- Pixel Pitch: 139 μ m
- Pixel Matrix Size: 3,052 (v) x 2,456 (h)
- A/D Conversion: 16 bit
- X-ray Voltage Range: 40-150 kVp
- Wireless Modes STA or AP: 802.11 a/g/n/ac, 2x2 MIMO
- 2 Built-in Batteries, Magnetic connection Battery Charger, and Back-up Cable Included
- Automatic Parameter Selection
- Specific Anatomical Post-processing
- Voyance Acquisition Software

General Features

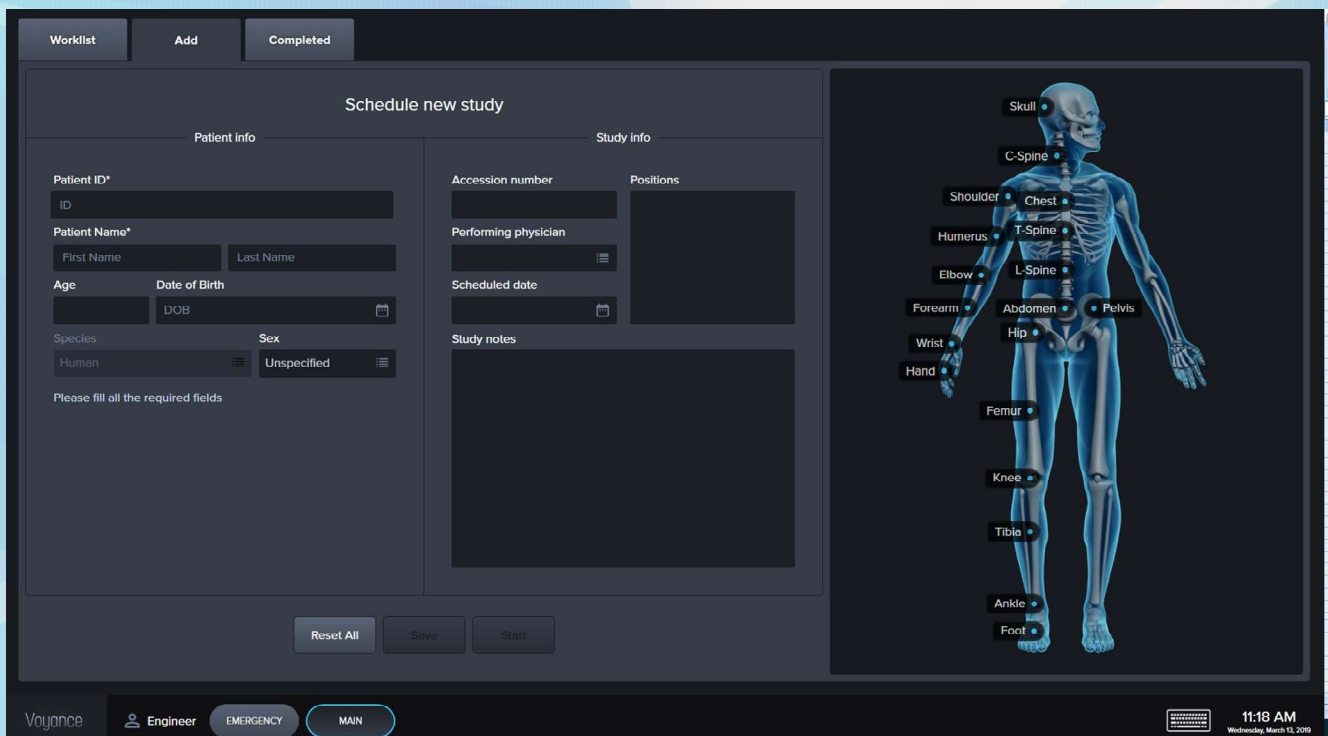
- Superior Image Quality
- Exam-specific algorithms image processing
- Automatic image optimization
- Edit existing patient information/search patient by patient name, patient ID, Accession number, bar code, etc.
- True size for printing
- Resend / Reprint image
- Send/Print queue management
- User-friendly touch GUI
- Useful functions: Auto Cropping, Auto Grid Suppression, Auto Labeling, Auto Rotation,
- Free Rotation, Multi Layout, etc.
- Fully DICOM 3.0 Compatible: MWL, Send, Print, MPPS, etc.
- Customized functions and various themes

User Interface

- User-Friendly Interface Supporting Touch Screen Functions
- One Screen to Access All Functions
- Same Interface for the Acquisition Software and Viewers

Image Processing With Advanced Algorithm

- Fast Processing with Superior Image Quality
- Intelligent Algorithms for Sharp Edges without noise amplification
- Automatic image optimization



Voyance Server is a complete and cost effective Voyance Imaging solution that provides imaging departments with a scalable and upgradable solution to archive patient studies. The Voyance Server solution includes features to archive patients, retrieve studies, print studies, edit patient reports, record voice notes with patient study, and transmit studies over telephone lines or internet.

Voyance Server solution consists of a group of software and hardware components that has specifically chosen to provide the maximum performance and scalability.

Supports all DICOM modalities.

Archiving on PACS server and on the Network.

Multi-Level relational database structure for patients/studies/series and images.

Supports pre-fetching and auto-routing of patients to the modalities.

Scalable and Upgradable

Multi-Lingual
Easy Administration
All DICOM Features



Dell Precision 3430 Small Form Factor (Min. Configuration):

- Intel Core i5-8500, 5 Core, 9MB Cache, 3.0GHz, 4.1Ghz Turbo w/
- HD Graphics 630
- Windows 10 Professional
- 1 TB Hard Disk
- 8 GB RAM
- 24 inch Monitor

Workstation pre-configured and with the Software installed
Optional Items

- Upgrade to 14x17 Wireless GADOX Panel
- Upgrade to 14x17 Wireless CESIUM Panel
- Dell 24" touch Screen Monitor