

AGFA WIRELESS DR DIGITAL UPGRADE TO AN EXISTING AGFA CR SYSTEM

Note: Any additions, deletions or variations from the following specifications should be noted in Bidder's Proposal.

Bidder's Proposal
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AGFA DX-D 14eC Wireless DR Detector or Equivalent

- One (1) DX-D 14eC Wireless Detector
- One (1) System Control Unit with Built-in Wireless Access Point
- Two (2) DX-D 14eC batteries included
- One (1) DX-D 14eC battery charger included
- One (1) DX-D 14eC Screw-on Handle

DX-D 14eC Detector Specifications:

- Amorphous Silicon Detector [a-Si] with TFT
- Cesium Iodide (CsI) Conversion Screen
- Pixel pitch: 150 µm
- Active pixel matrix: 2336 x 2836 pixels
- Active area size: 430 mm x 350 mm
- Effective pixel matrix: 2336 x 2836 pxl
- Grayscale: 16 bit
- Spatial Resolution: Min. 3.36 lp/mm
- Outer dimensions: ISO 4090 Cassette size;
384 x 460 x 15 mm
- Weight: 2.95 kg including battery
- Energy Range Standard: 40 – 150 kVp
2.4 - 5 GHz Access Point
Edimax: Dual band 2.4 GHz and 5 GHz external Wi Fi access-point with USB power connection for use with laptops.
- Wireless signal range: maximum 6 m
- 300kg weight limit uniformly distributed over the whole surface
- 120kg weight limit uniformly distributed over 40mm diameter disc

Battery:

- Type: Rechargeable Lithium ion battery
- Battery in operation state: 3 hours; >700 images
- Weight: 230 g
- Battery output: Output Voltage DC +7.4 V
- Capacity: 3200 mAh
- Lifecycle: Expected lifetime:
75% at 400 cycles

Battery Charger:

- Type: Lithium ion battery charger
- Operation temperature: 0°C – 35°C
- Simultaneous charging: 2 batteries
- Dimensions: Width x Height x Depth
92.5 x 259 x 56 mm
- Weight: 600 g
- Electrical connection: 16V, DC/6.5A
- AC adaptor Rating Input: 100 – 240 V, AC/1.5A,
50 – 60 Hz

Bidder's Proposal

Hardware:

- Standard Quality Wide Touch Monitor
- NX Convertible Dell 7400 WIN10PC
- HP Keyboard
- Universal USB-C Docking Station
- Monitor wall mount, to be installed in radiographic control booth
- Custom shelving to properly workstations components with in the radiographic control booth
- Pocket External Access Point: Dual Band 2.4-5GHz for Ultra Mobile DR Retrofit use in combination with NX Convertible Dell PC

NX Workstation with NX Premium Integrator License

- NX MUSICA 3: Next generation MUSICA processing bringing:
- Improved visualization of subtle details in the abdomen
- True representation of implants, with clear bone interfaces
- High level of detail in the mediastinum, sharp trabecular and cortical bone
- Includes specific processing for Neonatal imaging
- Includes MUSICA 3 Mammo: offering a consistent Image representation for your CR and DR Mammo Images
- Includes MUSICA 3 Dental + for OPG
- NX Premium Integrator License
- Fully automatic and exam independent
- NX Optiview: Automatic Black Borders, Gridline Suppression and Square Marker
- NX RIS Connectivity includes Procedure Code Mapping if supported by host RIS
- NX Precision Tool Software
- Contains Advanced Annotations & Measurements & Musical Interactive Processing licenses
- NX 3.0 Feature License Functionality includes NX Workflow Enhancements such as:
- DVD Automation
- Forced Operator ID
- Auto Thumbnail Advance
- Full Screen Viewing Mode
- NX Quality Assurance Software:
- Dose Monitoring Reporting Software
- Repeat/Reject Analysis and Reporting Software
- NX Advanced Image Manipulation

Bidder's Proposal

NX Pediatric Software: Allows four (4) age group classifications for CR and DR exams. With the integrated x-ray Generator on Agfa's DR NX workstations, the proper radiographic exposure for the patient's age group is automatically set based on the patient birthdate in the DICOM field provided to the work list. It is automatically applied to the exam view by appropriate procedure code mapping. Accidental exposure to a pediatric patient with an adult exposure parameter is minimized.

Operator's graphical user interface for modality work-list query, manual patient entry and exam configuration, image acquisition, image preview and QC, DICOM Store and DICOM Print.

Includes configuration / set up of all custom interfaces into Villa's existing E RAD PACS System to ensure Villa's existing radiology workflow is maintained.

Customer to supply networking connections in the radiographic suite for the system to properly connect to Villa's network.