



# DR ELITE

DIGITAL IMAGING SOLUTION



# DR Elite

## Image Capture Workstation



## Touchscreen Workflow



## Software Features

- Simple, clean, and intuitive two-screen workflow: (Work list and Acquire/Review screen)
- Touchscreen or keyboard entries
- Image preview in 2 seconds from exposure
- Integration with most EMR Systems, full MWL capability, MPPS integrations with HIS/RIS providers
- Multiple automated exports that can be user-configured with the single touch of a button
- Complete integration of DAP meters
- Readings recorded for export and embedded in DICOM image tags



- Generator Interface Control
- Rejection analysis with user customization of reports
- Embedded Operating System for network safe environments
- Embedded HELP Functions for immediate support services
- Windows 10 Embedded Operating System

## Standard Advanced Features

- Automatic stitching
- 24/7/365 support with 99% up-time guarantee (1-year included, up to 4 years for purchase)

# DR ELITE

## Digital Radiography 14 x 17 in Wireless Detector

- Automatic Exposure Detection (AED) and Auto Synchronization Modes allow for simple installation in minutes, without the need to "synchronize" or "re-wire" generators and mechanics.
- Completely wireless operation with the fastest data transfer rates
- Optimized fit in a bracket or bucky - same size as film/CR cassettes
- Super-stable wireless connection with working distances over 100'



## Battery Charger and High-capacity Battery

- Two internal batteries included with detector slot charger
- 2.7 second image preview, 5 sec to final processed image
- 7 hours of run time (1 battery pack) 15 hours (2 battery packs)
- 3-hour charge time in detector slot cradle
- IP56 Dust and Water Resistant



## 14 x 17 in Wireless Detector Specifications:

### Mechanical Conditions

- Weight: 3.15 kg/6.94 lb
- Outer Dimensions (WxHxT) cm: 38.4 x 46.0 x 1.5

### Image Geometry

- Pixel pitch: 140 mm x 140 mm
- Pixels: 2560 x 3072 pixels
- High resolution: 3.5 lp/mm
- Image size: 14 x 17 inches (35 x 43cm)

All specifications are subject to change without notice.

### Electrical Performance

- Battery performance: 15 hours of continuous run time
- Power: 3400mAh Lithium Ion Polymer Battery
- A/D Conversion Dynamic Range: 16 bit
- Image Readout Preview (wireless): 2.5 Seconds
- Sensitivity @ RQA5 beam, 25°C: 145LSBs/uGy
- Image Interface Data Rate/(IPv4): Gigabit
- X-Ray Generator Range: 40-150 kVp
- Digital output: 16 bit
- WiFi (802.11 a/b/g/n): 2.4/5.0 GHz

### X-Ray Performance

- Detector Technology: a-Si TFT w/PIN Diode
- Scintillator: CsI:TI

### Operating Environment

- Temperature: 15 to 35° C
- Humidity: 30 - 85%



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