



# Deployable Digital Radiography MINI DR

Portable Onsite X-ray System

Powered by Canon DR Technology

## Remote Inspection, Detection, & Protection

### Everything You Need In A Compact DR Inspection System

Fully customizable and compact, these systems can be deployed for various applications in the field, for example; bomb detection and disposal, VIP protection, drug and contraband smuggling, customs, forensics, veterinarian and more! Powered by truly portable amorphous silicon (a-Si) flat panels from Canon inspection of large items can be completed in one shot for maximum inspection productivity and safety!



## FEATURES / SPECIFICATIONS

### ■ STANDARD COMPONENTS

- X-ray Generator (XR200)
- Rugged Touchscreen Laptop
- Canon CXDI Digital Flat Panel
- Universal Power Box
- Wireless Capatibility
- 4 Channel Handheld Transmitter - RF
- 4 Channel Receiver - RF
- Second/Spare Generator Battery
- Battery Charger

### ■ X-RAY SOURCE

|                       |                                                                                  |
|-----------------------|----------------------------------------------------------------------------------|
| X-Ray Source (XRS200) | 150 kV,                                                                          |
| Size                  | 12.5" (31.75cm) x 4.5" (11.5 cm) x 7.5" (19cm).                                  |
| Weight                | 12 lbs (5.5 kg) with battery                                                     |
| Power Supply          | DeWalt 14.4V rechargeable, nickel cadmium battery;3000 pulses per battery charge |
| Battery Recharge Time | 1 hour with standard DeWalt charger;15 minute charger available                  |
| Output Dose           | 3mR per pulse at 1 ft. (30 cm) with filtration equivalent to 2.5mm of aluminium  |
| Pulse Rate            | 25 pulses per second nominal                                                     |
| Pulse Length          | 50 nanoseconds                                                                   |
| Maximum Pulse         | 300 pulses per hour                                                              |
| Penetration           | (15 mm) steel                                                                    |

### ■ DIGITAL DETECTOR (choice)

| Model Name(s)              | CXDI-60GI                      | CXDI-50GI                       |
|----------------------------|--------------------------------|---------------------------------|
| Scintillator               | GOS                            | GOS                             |
| Pixel Pitch                | 160 microns                    | 160 microns                     |
| Pixels                     | 2.6 mil                        | 5.9 mil                         |
| Imaging Size               | up to 9" x 11" in (23 x 28 cm) | up to 14" x 17" in (35 x 43 cm) |
| A/D                        | 14-bit                         | 14-bit                          |
| Grayscale                  | 4096 (12-bit)                  | 4096 (12-bit)                   |
| Interface                  | DICOM 3.0                      | DICOM 3.0                       |
| Preview Image Access Time* | approx. 3 - 5 seconds          | approx. 3 - 5 seconds           |
| Weight                     | 5.9 lbs (2.7 kg)               | 10.6 lbs (4.8 kg)               |

### ■ LAPTOP

|                  |                                                                                                |
|------------------|------------------------------------------------------------------------------------------------|
| CPU              | Intel® Core™ 2 Duo T7200 2.0 GHz processor                                                     |
| Memory           | 1GB DDR2 expandable to 2GB                                                                     |
| Operating System | Genuine Windows® XP Professional                                                               |
| Storage          | SATA 120GB expandable to 160GB                                                                 |
| VGA Controller   | Integrated in Intel® 945GM, 128MB shared memory                                                |
| Display          | 14.1" WXGA (1280 x 800) TFT LCD<br>Optional touch screen<br>Optional sunlight readable display |

### ■ OPTIONS

|                          |                                                     |
|--------------------------|-----------------------------------------------------|
| X-Ray Source (XRS-3)     | 300kV, 12 lbs (5.5 kg), Penetration: (25 mm ) steel |
| Deployment Configuration | Rugged Case(s), Backpack, or Custom                 |
| Power                    | AC/DC or Battery                                    |



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