



## DIGITAL X-RAY BRS System

### Digital radiography C-arm with CCD detector

Exist in 3 versions

The system is digital radiography system, the main components include high frequency radiography generator, high capacity X-ray tube, CCD detector, U-arm X-ray tube and detector stand, and digital imaging workstation

Network based platform is the highlight of the system, it achieves system centralized control and automation, and also improves the image quality and system compatibility and scalability.

Nowadays, digital radiography is becoming one of the first priority equipment in a general hospital.

This system is high performance, versatile, smart and economical design of CCD DR System which is very easy for installation and occupies minimum space



#### Advanced Features:

##### Better Image Quality

14bit grey scale, information acquisition from skin to bone for 1 time exposure High resolution, more information

##### Smart Structure & Easy Installation

The X ray tube and CCD detector are integrated in the U-arm structure, which is more compact, easier for installation and operation.

##### Centralized Control & Easier Operation

Exposure control and image acquisition at Image Acquisition Workstation; Image processing and printing at Image Diagnostic Workstation

##### Non-film capability, CD / DVD archive



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## Specifications:

	<b>DR-A</b>	<b>DR-B</b>	<b>DR-C</b>
<b>Effective area</b>	17" * 17"		
<b>Effective array</b>	3072 * 3072		
<b>Pixel seize</b>	143 * 143 μm		
<b>Resolution</b>	3.7 Lp/mm		
<b>A/D Convert</b>	14 bit		
<b>Image acquisition</b>	1 G bps		
<b>Imaging time</b>	< 3 sec		
<b>X-Ray Generator</b>	10 / 16 kW	20 kW	50 kW
<b>Power supply</b>	220 V	380 V	220 V / 380V
<b>X-Ray Tube</b>	Siemens	Siemens Ray-12	Siemens Ray-14
<b>Focal</b>	0.6 / 1.2 mm	0.6 / 1.2 mm	0.6 / 1.2 mm
<b>Heat storage</b>	140 kHU	230 kHU	350 kHU

## STANDARD CONFIGURATION

Complete desktop PC with fast CPU  
 LCD monitor of 22"  
 CD/DVD burning  
 Software for acquisition and treatment



## OPTIONS

Mobile table

Bucky

