



site planning

Kodak
DirectView
DR 9500 System

Unprecedented DR system flexibility

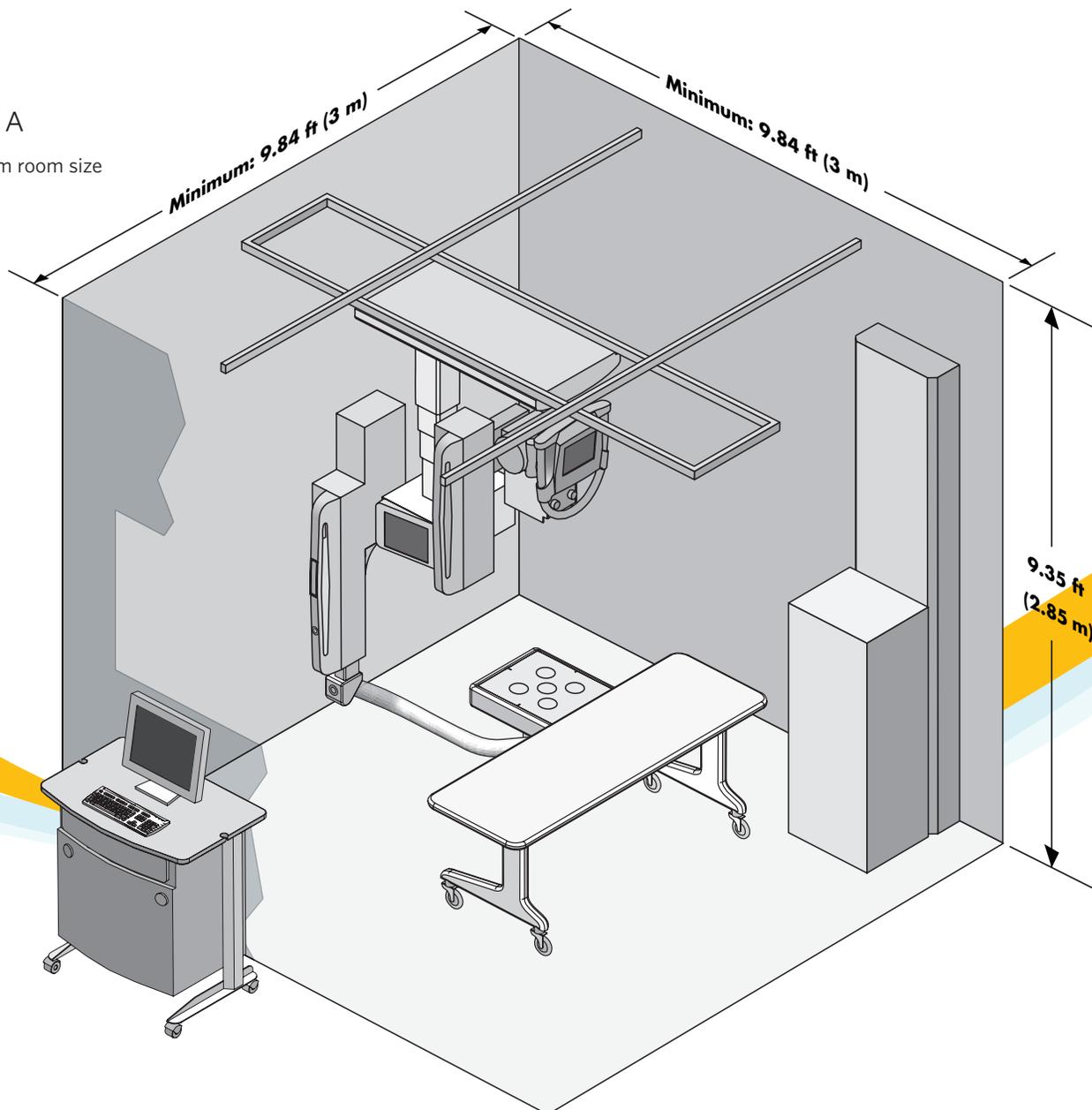
The KODAK DIRECTVIEW DR 9500 System delivers dual-detector versatility with the simplicity and convenience of a single-detector system. A unique U-arm design moves the tube and detector around the patient in continuous alignment.

This provides remarkable freedom and mobility for patient positioning—and unprecedented flexibility for all horizontal, upright, and angled projections traditionally performed with dual-detector systems.

A single integrated operator console, ergonomic controls, and easy importation of HIS/RIS patient data further save examination time and effort. The same intuitive touch-screen interface found in all DIRECTVIEW DR and CR systems simplifies operation and reduces training requirements.

It all adds up to better workflow, higher productivity, and enhanced patient comfort—with the superb image quality and reliability you expect from the Kodak brand.

Figure A
Minimum room size



Three major subsystems

The uniquely flexible KODAK DIRECTVIEW DR 9500 System includes three major components:

- ▶ Ceiling-mounted U-arm with Bucky and x-ray tube assembly
- ▶ X-ray generator
- ▶ Integrated operator console

Rail Length

Min: 6.56 ft (2 m) Max: 16.4 ft (5 m)

Rail Length

Min: 6.56 ft (2 m) Max: 19.68 ft (6 m)

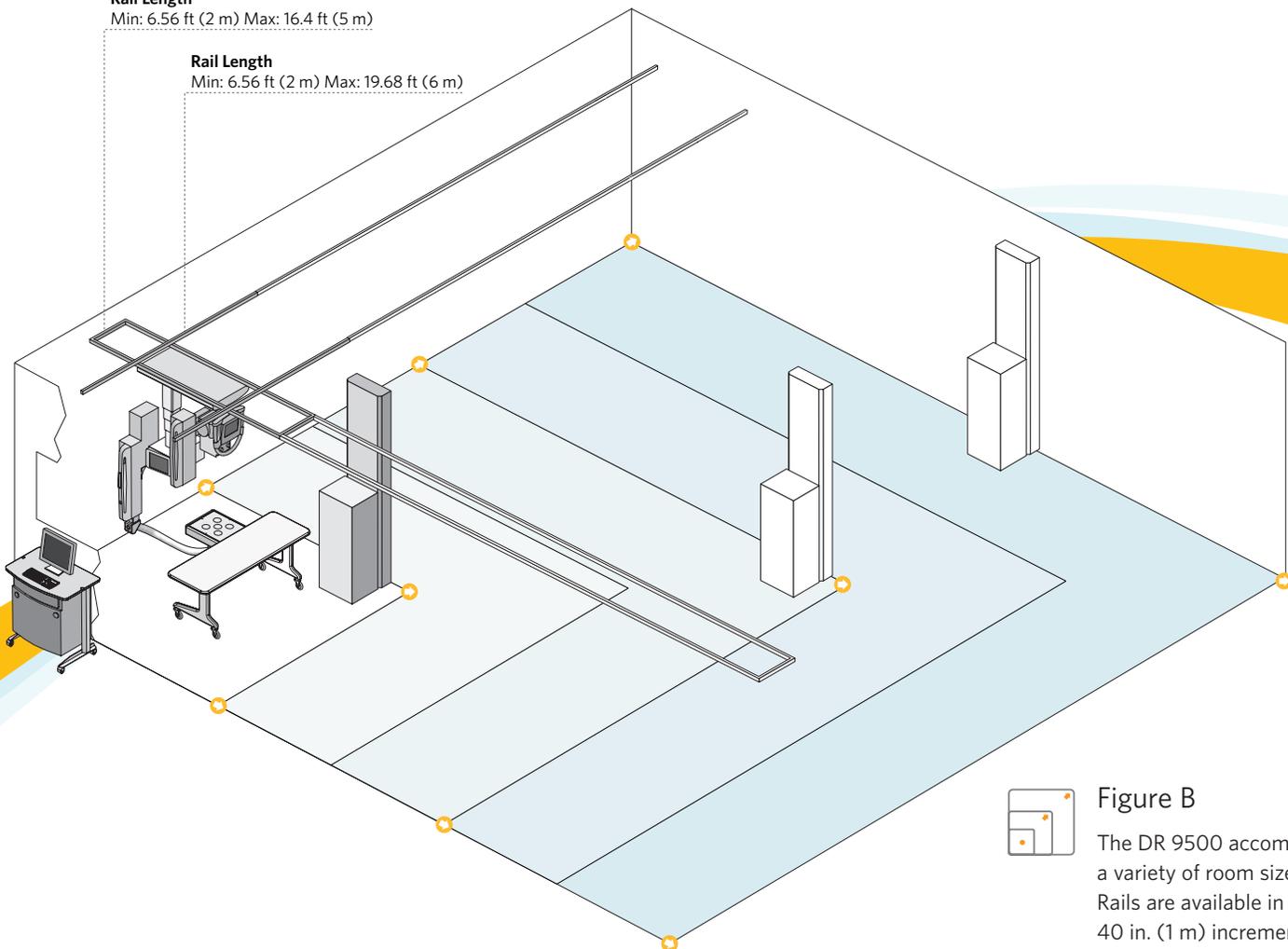


Figure B

The DR 9500 accommodates a variety of room sizes. Rails are available in 40 in. (1 m) increments.



The illustrations in this document serve only as a room size guide and to depict key subsystems of the DR 9500 System. Full requirements for the system are outlined in Kodak publication no. 6H3663, and should always be used for detailed planning purposes. The site specs include, among other information, complete room, electrical, phone, network, and environmental requirements. Detailed component dimensions and weights are also provided.

Kodak DirectView

DR 9500 System

Specifications

Minimum size requirements

Room size:	Min. (L x W) 9.84 x 9.84 ft (3 x 3 m)
Ceiling height:	9.35 ft (2.85 m)
Control area wall height:	6.99 ft (2.13 m)
Door size:	(L x W) 84 x 34 in. (213 x 86 cm)
Hallway width:	60 in. (152 cm)
Rail length:	Min. (L x W) 6.56 x 6.56 ft (2 x 2 m) Max. (L x W) 19.68 x 16.4 ft (6 x 5 m)
Site power:	208/230/240V 20 A for Console and Positioner 400 VAC, 480 VAC, 3-phase for Generator

Key components	Width	Height	Depth	Weight
X-ray generator:	16 in. (40.6 cm)	48.7 in. (123.7 cm)	19.2 in. (48.8 cm)	265 lb (119 kg)
Wall chase:	20 in. (50.8 cm)	96 in. (243.8 cm)(adjustable)	7 in. (17.8 cm)	—
Operator console:	33.9 in. (86 cm)	38.2 in. (97 cm)	22.8 in. (58 cm)	185 lb (83 kg)

Digital image capture device

Detector type:	Cesium iodide
Active image:	17 x 17 in. (43 x 43 cm)
Detector element pitch:	143 micron
Dynamic range:	14-bit linear

X-ray generator

Output:	80 kW high-frequency output with digital feedback control
Range of output:	1000 mA at 80 kVp 800 mA at 100 kVp 630 mA at 125 kVp 500 mA at 150 kVp
Output:	65 kW high-frequency output with digital feedback control
Range of output:	800 mA at 80 kVp 630 mA at 100 kVp 500 mA at 125 kVp 400 mA at 150 kVp

Ceiling-mounted U-arm system

Variable SID:	40–79 in. (1–2 m)
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Multiplanar motions with electronic locks:

Bucky tilt:	+/- 45°
Tube rotation:	+ 210° to -20°
U-arm rotates:	+ 225° to -45° on horizontal axis
U-arm rotates:	+/- 270° on vertical axis
Vertical drive when horizontal:	15.75–98.42 in. (40–250 cm)

U-arm (external dimensions) for a SID of 79 in. (2 m):

Width:	101 in. (2.57 m)
Height:	41.5 in. (1.05 m)

Network capability

DICOM 3.0:
Print service class
Storage service class
Multiple destination routing

Connectivity:
KODAK DRYVIEW Laser
Imagers and KODAK
CARESTREAM PACS System
third-party DICOM-
compliant devices

Patient demographic and
exam data:
Through HIS/RIS with
optional KODAK DIRECTVIEW
DICOM Worklist Management Software

Regulatory

System complies with 21 CFR
Chapter 1, Subchapter J Collimator:
Class 2m laser product in
accordance with IEC 60825-1



Kodak

Licensed Product

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CANADA

More information

Learn more about the KODAK DIRECTVIEW DR 9500 System—and Carestream Health's flexible family of DR systems. Contact your Carestream Health representative, or call 1-877-865-6325, ext. 227.

→ www.carestreamhealth.com

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