



- **JPI** makes X-ray images better -

JPI's DR Retrofit Solutions

X-Caliber

- ❖ The best CCD detector on the market
- ❖ Excellent image quality, lower dose and proven reliability
- ❖ An upgrade for established radiographers and chiropractors



JPI America

JPI's **X-Caliber 9**

DR retrofit solutions

- ❑ **True DR at an affordable cost**
 - Retrofit to the existing x-ray system
 - Lower maintenance costs

- ❑ **The best CCD technology available**
 - Image quality & sensitivity
 - Proven reliability and durability

- ❑ **Excellent technical support**
 - Remote access diagnosis
 - Local onsite support through authorized dealers

- ❑ **Specifications**
 - Active image size: 17x17"
 - Image pixels: 9 Mega pixels
 - Grayscales: 14bits(16,384 shades of gray)
 - Resolution: 3.5 lp/mm
 - Image acquisition time: <8sec



What am I getting?

JPI X-Caliber 9

❑ Standard

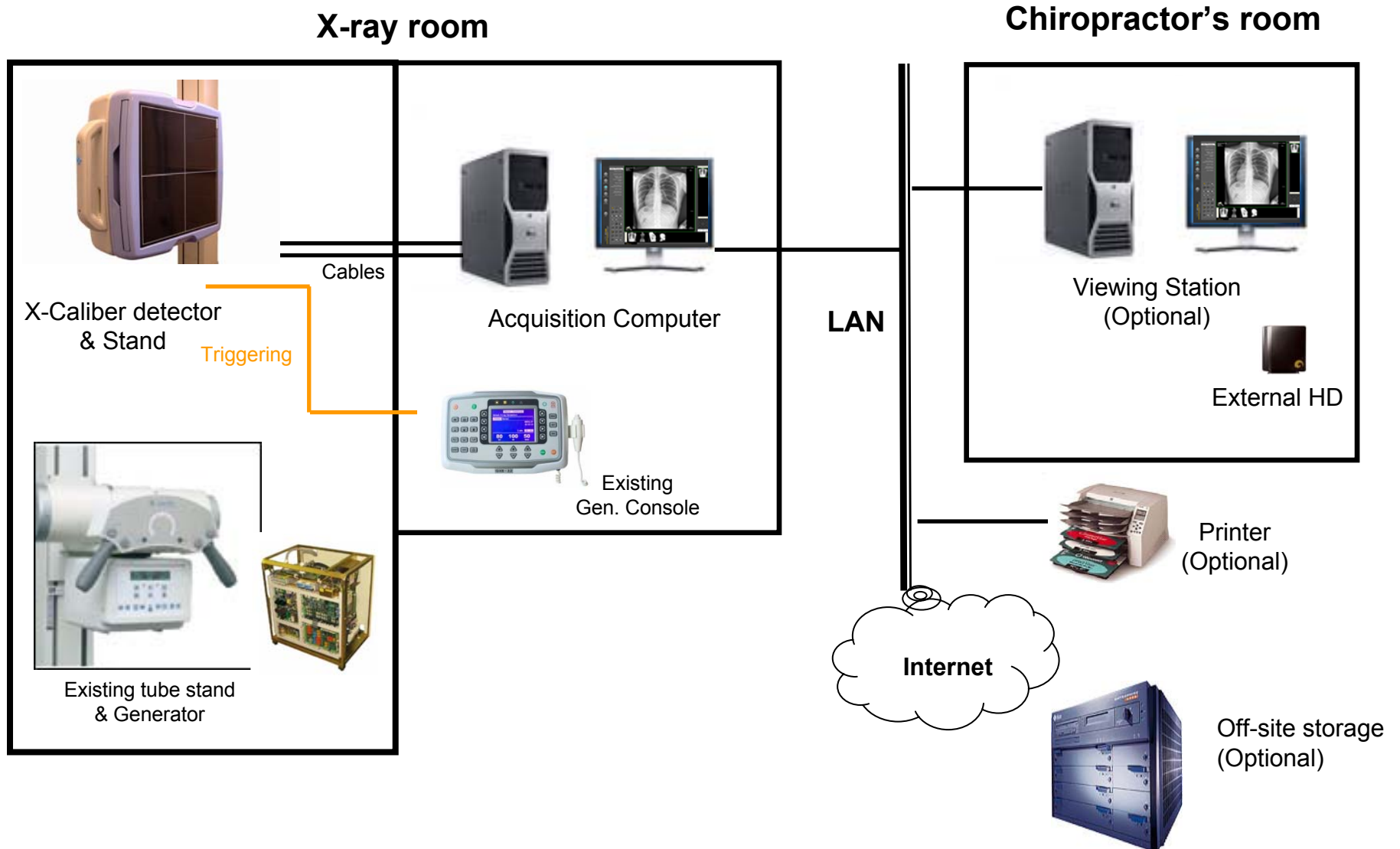
- **1 X-Caliber CCD Detector**
 - 9 Mega pixel detector
 - 17x17" image size with 3.5 lp/mm resolution
 - 14 bits grayscale and 8 sec. acquisition time
- **1 Custom designed X-Caliber stand**
 - Manual up and down movement
 - Fully counterbalanced and effortless movement
- **1 Acquisition computer, preinstalled with software and monitor**
 - 2.33GHz CPU
 - 250GB HD and 2GB Memory
 - CD/DVD Writer
 - 2 mega-pixel 20" monitor
- **1 Portable external hard drive for offsite backup storage**

❑ Options

- **Professional viewing software**
 - Software for Chiropractic application
- **Viewing station computer and monitor**
 - 2.33GHz CPU
 - 80GB HD and 1GB Memory
- **Internet base Offsite storage**



Typical Configuration



Why doctors prefer DR?

□ CR vs DR

	CR	DR
1. Is that true DR ?	Yes it is. But CR has many of the same drawbacks as film	No physical actions are needed.
2. Is it faster workflow than film?	Not really. Cassette must be loaded into the scanner and scanned before an image is produced	Image is displayed less than 8 seconds after exposure
3. How about maintenance cost?	IP (Image Plate) is a thousand dollar consumable. Maintenance required on scanner	No consumables No moving parts
4. Dose level?	CR requires more dose than DR.	Lower Dose
5. Durability?	Image quality decreases with time.	Stable