rayence
X - R A Y + S C I E N C E

1717SGC / SCC

17x17 Tethered Flat Panel Detector
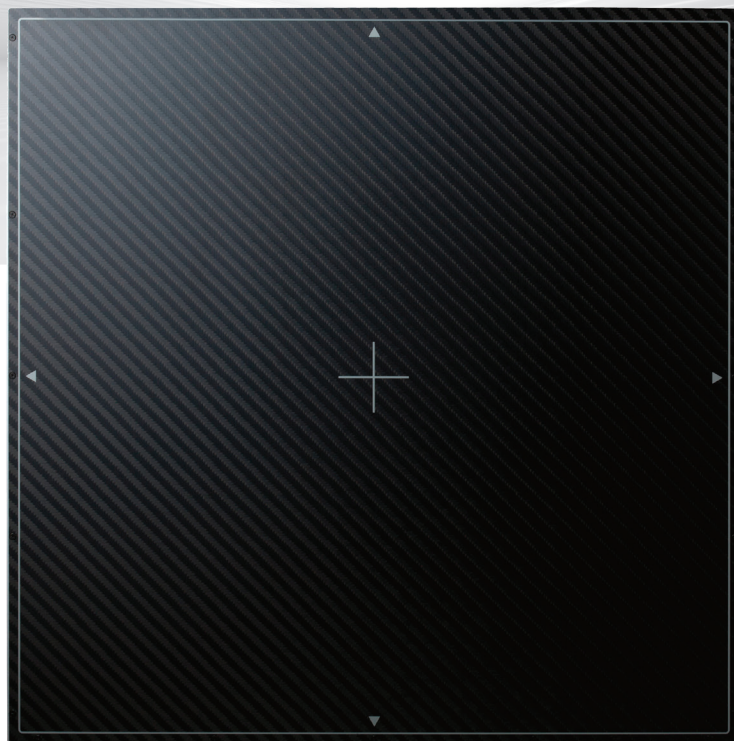
PIXEL PITCH: 140 µm

RESOLUTION: 3.6 lp/mm

FIXED CASSETTE SIZED - NO MODIFICATIONS

AUTO TRIGGERING - NO CABLES

1GB SPEED CONNECTION
(DATA OUTPUT: 4-5 SECS)

18.1 inch (460 mm)

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1717SGC / SCC
ENVIRONMENTS   Imaging Centers   Orthopedics   Veterinary   Chiropractic

rayence 1717SGC / SCC

17x17 Tethered Flat Panel Detectors

The 1717 SGC/SCC, part of the S-Series, was designed to allow the user to experience the benefits of flat panel Digital Radiography in a cost-effective way. The 1717 SGC/SCC eliminates the need of modifications to existing X-ray equipment, contributing to a quick and easy installation.

This detector possesses the thickness of traditional film cassettes, which makes it effortless when it comes to fitting into standard cassette trays. Unlike the traditional 14x17 inch CR cassette, however, use of a detector that is 17x17 inches provides more flexibility when positioning anatomy and eliminates the need to be rotated to accommodate views.

The 1717 S-Series is constructed with Rayence's auto-trigger signal sensing technology, removing the need for generator integration. Efficiency is improved by streamlining workflow through the elimination of the additional steps required when using film or CR.

Together with an image preview time of less than 5 seconds, patient throughput and overall productivity is increased, and the wait time for patients is decreased, providing an economical and ideal solution for any X-ray room.
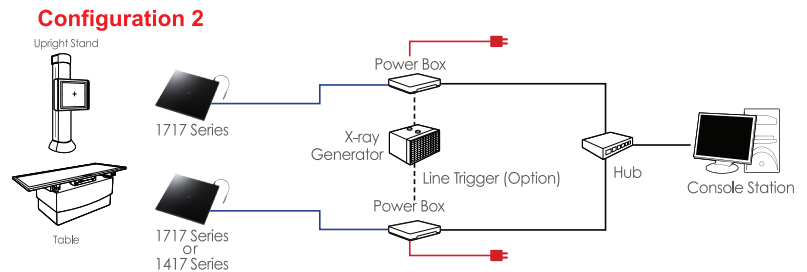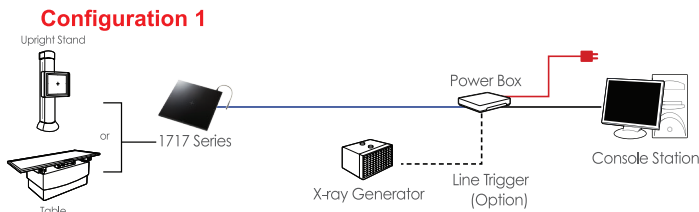
Gadox or Cesium

0.61 inch (15.5 mm)

Specification	1717SCC/SGC
Detection Area:	**17 x 17 in**
Dimensions (W x L x H):	**460 x 460 x 15.5 mm**
Active Area:	**430.1 x 430.1 mm**
Sensor Type:	**Amorphous Silicon with TFT**
Scintillator:	**CsI / GOS**
Pixel matrix:	**3072 x 3072 mm**
Pixel pitch:	**140 µm**
A/D conversion:	**14/16 bit**
Resolution:	**Max. 3.6 lp/mm**
Energy range:	**40 - 150 kVp**
Data output:	**Ethernet 1 Gbps**
Operation environment:	**Temperature +10 - +40°C** **Humidity 20 - 75 %** **Pressure 70 - 106 kPa**
Weight:	**4.0 kg (8.8 lbs)**
Manufactured:	**Rayence**

DR Configuration

Configuration 1

Upright Stand
or
1717 Series
Table
Power Box
X-ray Generator
Line Trigger (Option)
Console Station

Configuration 2

Upright Stand
1717 Series
Table
1717 Series or 1417 Series
Power Box
X-ray Generator
Line Trigger (Option)
Power Box
Hub
Console Station

Dealer Information:

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