



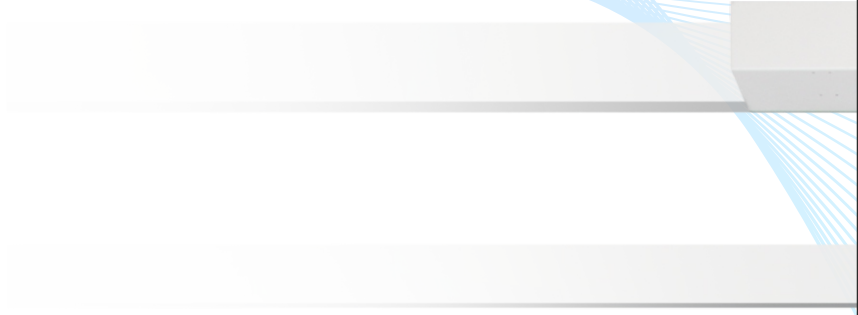
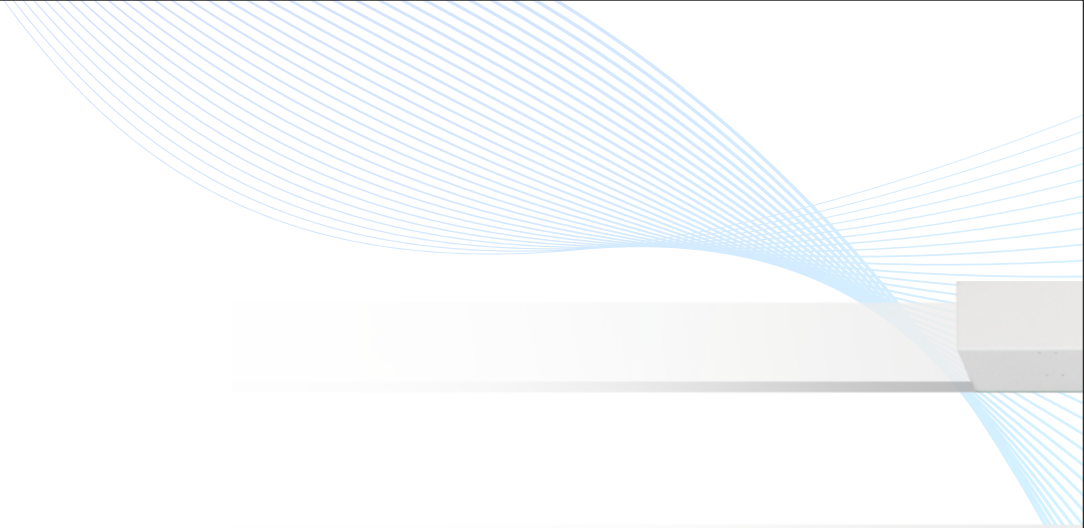
CEILING SUSPENDED X-RAY-1000mA

ERAY RAD 1000S

Precise & Convenient
#Wireless Innovation Classic Design

PRECISE & CONVENIENT
WIRELESS INNOVATION CLASSIC DESIGN

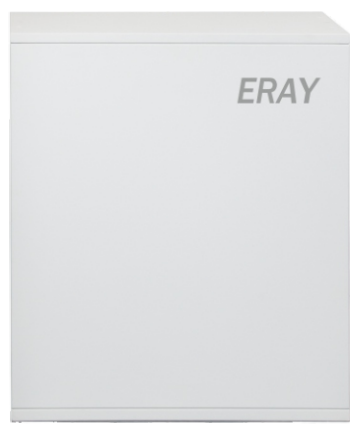




Keep Innovating Just for You

Smooth Operation, Perfect Performance More Possibilities, Wireless Brilliance
Refine The Life Technology in Every Detail

Edusoft is committed to improve the efficiency





and quality of digital X-ray examination comprehensively and create a comfortable and extraordinary experience for all users.





SMOOTH OPERATION PERFECT PERFORMANCE



Intelligent Five-axis Simultaneous Operations

Synchronize the operation of X-ray tube and detector for Up/Down lift and rotation with hanger movement, which enhances the efficiency of examination.



Customized Intelligent One-click Positioning Function

Automatic positioning for all body postures at a simple one-click, faster and more efficient.



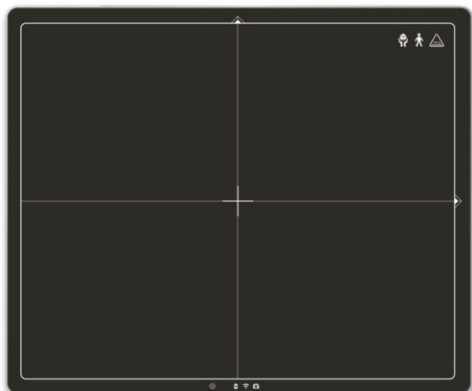
Automatic Positioning Tracking

X-ray tube and detector support automatic tracking in standing and lying positions, achieve the horizontal and vertical tracking positioning.



Multi-modes Control

Three control modes: Bull-head buttons, Touch-screen and Remote control, for convenient operation and more effective examination.



Wireless Transmission

Brand-new wireless flat-panel detector and 5G network transmission, gets rid of unnecessary cables.

Smart Real-time Charging

The wireless flat-panel detector can be charged in real-time in the chest rack and Bucky of the imaging bed, which will reduce the annoyance of replacing the battery.

Interchangeable Battery

The removable battery function satisfies long power backup requirements for special applications (non-traditional Bucky).



MORE POSSIBILITIES

WIRELESS BRILLIANCE

Dual Battery and Dual Charging

Dual battery: Each flat-panel detector is equipped with two lithium batteries (easily replaceable) Dual charging: Real-time charging and dedicated battery charging slots, which realizes the constant power supply in various scenarios.

1-Second Imaging (Optional)

The brand-new flat-panel detector is equipped with a high-speed acquisition module that enables high-speed imaging in 1-second, which greatly reduces the pressure of crowded patient examinations, such as: health examinations.

150KG



High-level loading capability can meet the imaging requirements for vast majority of big and tall patients, who need to keep standing postures on the flat panel detector.

Full-size Flat-Panel Detector

The 17 x 17-inch amorphous silicon full-plate detector (single-plate and dual-plate are both optional) with full field of view, supports full body imaging for different postures. High pixel matrix and ultra-high resolution make crystal imaging without missed diagnosis.

Supports All Postures Including: Upright position, Wheelchair position, Stretcher position, etc.

Refine The Life Technology in Every Detail

-  Wireless remote control
-  Concealed tank chain
-  Electric lift imaging bed
-  DAP system
-  Bedside console LCD touch-screen
-  Integrated workstation
-  i-Vision DR Platform
-  Low-dose intelligent exposure system



Technical Highlights

X-RAY GENERATOR

| | |
|---------------------|---------------------------------|
| MODEL | ERAY RAD 1000S |
| POWER | 80kW |
| mAs RANGE | 0.4~1000mAs |
| kV RANGE | 40~150kV |
| mA RANGE | 10mA~1000mA |
| LINE NOMINAL, PHASE | Three Phase,440V ±10%, 50/60 Hz |
| INVERTER FREQUENCY | 220kHz |
| TIME RANGE | 1ms~10000ms |
| POWER REQUIREMENT | 380VAC |
| EXPOSURE MODE | Manual & Automatic |

X-RAY TUBE

| | |
|-----------------|-------------|
| TUBE MODEL | Canon |
| FOCAL SPOT SIZE | 0.6mm/1.2mm |
| MAX ANODE | 300kHU |
| MAX kV | 150kV |
| ROTARY ANODE | 7200 RPM |

PATIENT BED

| | |
|-----------------------------|--------------------------------------|
| SIZE (L X W) | 2000 X 800 mm |
| BED LIFTING RANGE | 530-880 mm |
| LONGITUDINAL FLOATING RANGE | 480mm |
| HORIZONTAL FLOATING RANGE | 285mm |
| BEARING WEIGHT | 270kg |
| BED LIFTING RANGE | 530-880mm |
| BED PANEL FLOATING | 6-way floating |
| FLOATING CONTROL MODE | Foot switch, electromagnetic control |

FLAT PANEL DETECTOR

| MODEL | ERAY Gold 14 | ERAY Gold 17 |
|------------------------------------|--|-------------------|
| DIMENSION | 383 x 460 x 15 mm | 460 x 460 x 15 mm |
| SENSOR ARRAY | a-Si Photodiode | |
| SCINTILLATOR | CsI / GOS | |
| RESOLUTION | 2500 x 3052 | 3072 x 3072 |
| PIXEL SIZE | 140 um | |
| GRAYSCALE | 16 bit | |
| WIFI | 802.11ac / 2 antennas / 2s scan to display / AP Mode | |
| DROP HEIGHT | 70 cm | |
| HOUSING MATERIAL | Mg-Al alloy | |
| WEIGHT (BATTERY INCLUDED) | 2.7 kg | 3.4 kg |
| WATERPROOF | IP56 | |
| DURABILITY (FACE LOAD/ POINT LOAD) | 300 / 120 kg | |
| TRIGGER MODE | AED Mode | |
| BATTERY AUTONOMY | 8 Hours* | |

IMAGING STATION-CONSOLE

| | |
|------------------|-------------------|
| OPERATING SYSTEM | Windows 10 |
| CPU | i7 8th Generation |
| RAM | 16GB |
| HARD DISK | 1TB |
| IMAGE STORAGE | 10000 pieces |
| SCREEN SIZE | 19 inch |


Clinical Images*





*NOTE: For reference purpose only.

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