



## ORAMA II

Logos Imaging's ORAMA II is our latest Direct Radiography (DR) imaging system. The 14x17 ORAMA II offers the same excellent resolution and sensitivity as our other DR systems in an imager designed for higher kV X-ray machines. The ORAMA II panel also offers the smallest bottom border available in competitive 14x17 flat panel imagers.

As with all Logos DR systems, the ORAMA II is fully portable and field ready. From any of the three carrying case options, the system can be deployed in less than five minutes and has an on target weight of under 19 pounds, excluding the X-ray source.

- ✓ *Includes Full Wired and Full Wireless*
- ✓ *High Image Resolution, 127  $\mu$ m Pixel Size*
- ✓ *Designed for up to 330kV X-ray Machines*
- ✓ *Less Than 8mm Bottom Border*
- ✓ *Greater than 60mm Penetration in Steel using the XRS-3*

## Contact Information



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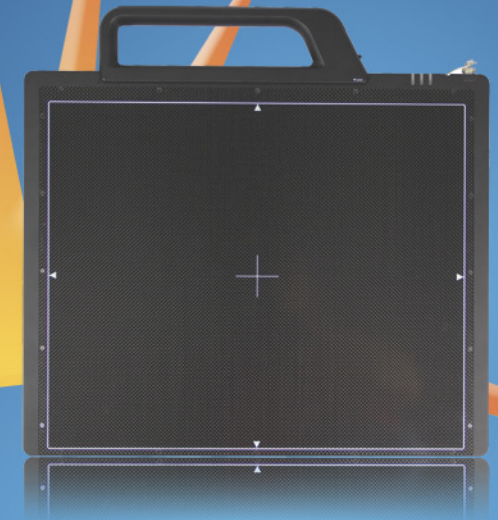


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The ORAMA II is a large format portable digital x-ray system that generates high-resolution, high-sensitivity digital images. The complete x-ray imaging system includes a flat panel detector, an operating PC (optional), LIA image acquisition and enhancement software, wireless and wired interface, wired and wireless X-ray control, X-ray machine (optional), and carrying case.



The ORAMA II system includes full wired and wireless capabilities. Wireless communication between the imager and the computer, as well as wireless firing for 5-pin Golden Engineering X-ray machines is included in the base ORAMA II system. There is no need to buy additional wireless accessories.



The ORAMA II is available with three carrying case options. All cases options hold the ORAMA II panel, Asýrmatos interface, batteries, battery chargers, computer, cable reel, XR200 or XRS-3 X-ray machine, and all operation cables. Users can choose to have the system packaged in a single Storm iM2950 case, two Storm iM2720 cases, or a custom backpack.



With a battery run time of four hours per external battery, the standard system provides up to eight hours of battery life allowing users to operate the system in wired or wireless modes all day even when mains power is not available.



## Specifications

### ORAMA II DR System

Technology	Amorphous Silicon with TFT
Scintillator	Gadox
Pixel Area	42.3 x 35.8 cm, 16.7" x 14.1"
Pixel Matrix	3328 x 2816 pixels
Pixel Size	127 µm
Limiting Resolution	3.9 lp/mm
AD Conversion	16 bits
Communications Interface	Wireless 2.4 GHz (5 GHz Optional) Wired LAN
Communications Range	Wireless 400 m* (using 2.4 GHz) Wired 50 m Standard (up to 200 m)
X-ray Energy Range	40 - 330 kV
Weight	5.3 kg (11.7 lbs)
Weight (Panel & Interface)	8.4 kg (18.5 lbs)
Weight (iM2950 single case)	30.9 kg (68.0 lbs)
Weight (iM2720 two cases)	35.9 kg (79.0 lbs)
Dimensions (Panel)	47.5 x 40.0 x 1.8 cm 18.7" x 15.7" x 0.7"
Dimensions (Storm iM2950)	79.5 x 51.8 x 31.0 cm 31.3" x 20.4" x 12.2"
Dimensions (Storm iM2720)	62.5 x 50 x 29.7 cm 24.6" x 19.7" x 11.7"
Power	100-240 VAC (50-60 Hz), 2A using included power supply 18.5 V, 5,200 mAh, Li-Ion hot-swappable interface battery pack 18.5 V, 2,600 mAh, Li-Ion internal interface backup battery
PC Specs (Minimum)	Core i7 Processor, 4 GB RAM, 500 GB hard disk, 14" 1600 x 900 display, Windows 7 Professional

\*Line of Sight