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IMAGE

Digital videoradiographic sensor



Let's enter into details

IMAGE

Quality

Long acquired expertise to offer top diagnostic quality.

Simplicity

Easy, friendly, effective.

Flexibility

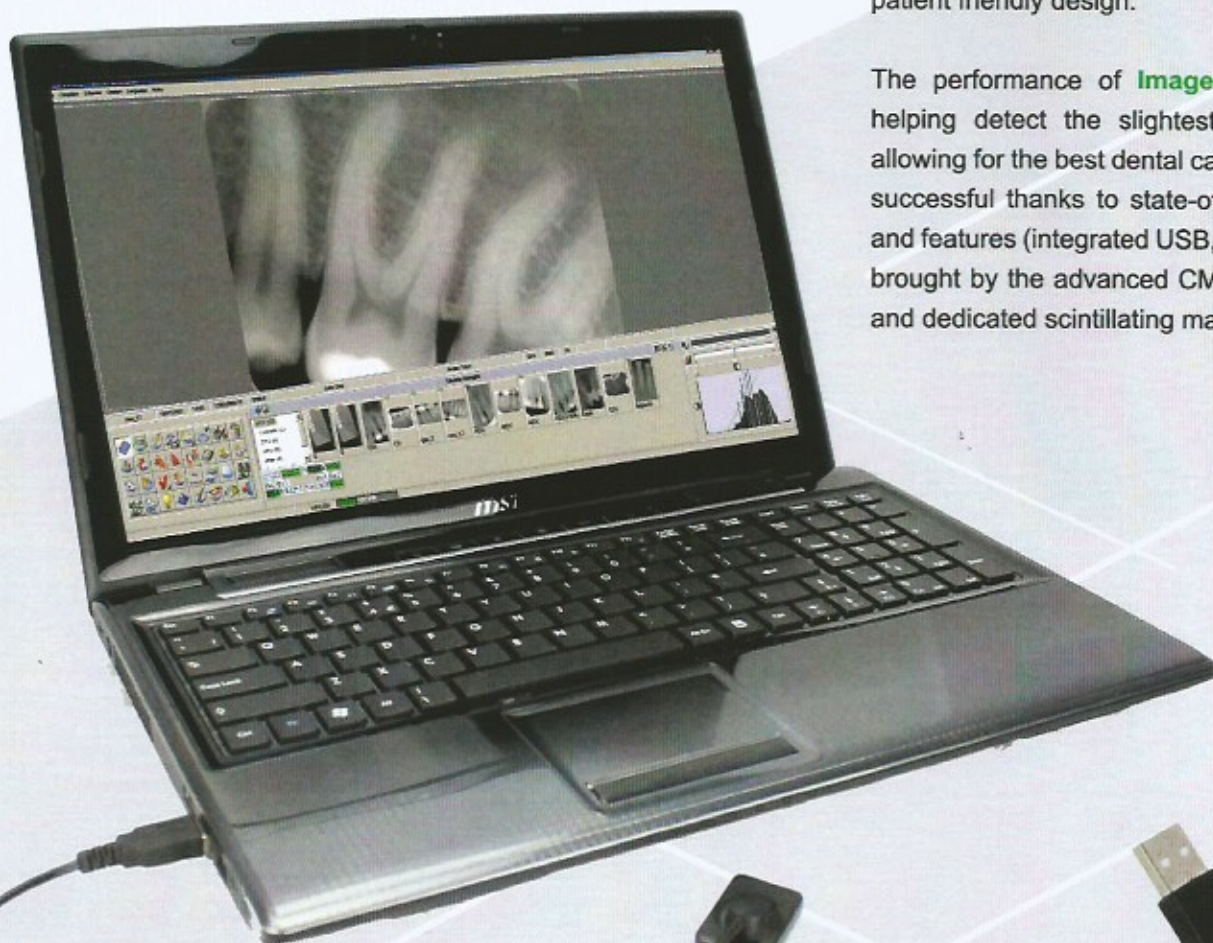
Image can be used with several X-ray intraoral units, without any hardware or software connections.



Image is a state of art digital radiovisiography system from Ardet.

With a direct USB 2.0 connectivity and drive electronics, **Image** simplifies the practice workflow and delivers superior quality images in a durable, patient friendly design.

The performance of **Image** sensor is crucial to helping detect the slightest dental disease and allowing for the best dental care. **Image** sensors are successful thanks to state-of-the-art image quality and features (integrated USB, advanced ergonomic) brought by the advanced CMOS-based technology and dedicated scintillating material.



Comfort

Image sensor has been designed to further appreciate the shape of the oral cavity of the patient. Thanks to its rounded corners, smooth edges and small thickness, the patient's comfort has been optimized while making the sensor positioning easier.

2 sizes available

Available in two sizes (size 1 and size 2), this sensor offers high resolution images.

With a theoretical resolution of 26.3 lp/mm associated with CMOS technology and a scintillator, the acquired image is exceptionally fine for an accurate diagnosis.

Acquisition rapidity

Image sensor works in USB 2.0 full speed mode. The high-resolution image will appear instantly on your computer screen.

Advanced technology

The embedded electronics of **Image** the Image system is so small that everything is within the sensor case. There is no need to find a place for the data box on your work space. With hot Plug & Play technology, you just need to plug the USB connector on your computer: You are now ready to take an X-ray.



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Technical Data

Sensors

Film Size equivalent	Size 1 Size 2
External dimensions	24,35 mm x 36,73 mm (Size 1) 30,49 mm x 42,80 mm (Size 2)
Active area	600 mm ² (20 mm x 30 mm) (Size 1) 900 mm ² (26 mm x 36 mm) (Size 2)
Number of pixels	1,6 megapixels (1050 x 1580) (Size 1) 2,4 megapixels (1368 x 1896) (Size 2)
Pixel size	19 µm x 19 µm
Theoretical resolution	26,3 pl/mm
Real resolution	> 20 pl/mm or 0,05 mm image detail
Signal to noise ratio	40 dB (@130 µGy)
Cable length	3 m (maximum 20 m with USB hubs)

CE₀₀₅₁



ARDET Dental & Medical Devices S.r.l. is an Italian leader company in engineering, producing and furnishing high technology dental and medical devices. Our quality management system in accordance with ISO 9001 and EN ISO 13485 standards guarantee a careful control of the internal processes and the absolute reliability of our products by focusing our attention on the physician practical work.

