

## Technical Data

### Sensor

Equivalent film format	Size 1 Size 2
External dimensions	25,0 mm x 39,0 mm 30,4 mm x 41,9 mm
Active area	600 mm <sup>2</sup> (20 mm x 30 mm) 900 mm <sup>2</sup> (26 mm x 34 mm)
Number of pixels	1,5 megapixels (1000 x 1500) 2,1 megapixels (1300 x 1700)
Pixel size	20 µm x 20 µm
Real resolution	20 lp/mm
Dynamic range	57 dB
Cable length	2 m (maximum 20 m with USB hub)

### PC requirements

CPU	Intel core i5-2520M 2.5 GHz or higher
Memory	4 GB or higher
Operating system	Microsoft Windows 7 SP1 32 and 64-bit Microsoft Windows 8 64-bit Microsoft Windows 8.1 64-bit Microsoft Windows 10 64-bit



# IMAGE HD

Digital videoradiographic sensor



**ARDET Dental & Medical Devices S.r.l.** is an Italian company leader in the design, production and supply of high-tech dental and medical devices. Our quality management system in compliance with EN ISO 13485 standard, guarantees a careful control of the internal processes and the absolute reliability of our products, focusing our attention on the practical work of the doctor.



### ARDET Dental & Medical Devices Srl

Via Galvani, 15 - 20090 Assago (MI) Italy  
Tel +39 02 944 35 294 - Fax +39 02 944 35 296  
ardet@ardetsrl.com - www.ardetsrl.com



ARDET Dental & Medical Devices S.r.l. reserves the right to make technical changes and/or aesthetic changes to the product at any time and without prior notice. PNO IMAGE HD rev. 2 - 26/07/2019

Let's enter into details

# IMAGE HD

## Quality

The experience gained over the years to offer top diagnostic quality.

## Simplicity

Operator interface complete with all key functions. Simple, intuitive, effective.

## Flexibility

The sensor can be used with different intraoral X-ray systems, without connection restrictions.

**IMAGE HD** is a state-of-the-art digital radiovisiography system from Ardet.

Equipped with USB 2.0 direct connectivity and integrated electronics, **IMAGE HD** simplifies workflow of the dental practice and offers superior quality images in a durable and comfortable design for the patient.

The performance of **IMAGE HD** sensor is essential in helping to detect the smallest dental diseases and allow the best dental care. **IMAGE HD** sensors are successful thanks to state-of-the-art image quality and functions (integrated USB, advanced ergonomics) promoted by the advanced CMOS technology and dedicated scintillating material.



### Comfort

**IMAGE HD** sensor has been designed to further appreciate the shape of the oral cavity of patients. Thanks to its rounded corners, smooth edges and small thickness, the patient comfort has been optimized making it easier the positioning of the sensor.

### 2 sizes available

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

With a resolution of 20 lp/mm and a scintillator CMOS technology, the acquired image appears to be exceptionally detailed for an accurate diagnosis.

### Rapid acquisition

**IMAGE HD** works in USB 2.0 full speed mode. The high resolution image will instantly appear on the screen of your computer.

### Advanced technology

The electronics integrated in **IMAGE HD** is so small that it is all contained in the housing of the sensor. No need to find a place for the data box on your workspace. With hot Plug & Play technology, you just connect the USB cable to your computer and you are ready to take an X-ray.

*Let's enter into details*

