I-VIEW GOLD MEANS:

HIGH DEFINITION DIGITAL IMAGES
I-View Gold captures images both horizontally and vertically, even in the most critical areas deep within the oral cavity, with a resolution of 27 visible lp/mm.
Pixel size: 18 µm

LARGER ACTIVE SURFACE
Active Pixel
Size 1: 1110 x 1666 pixel
Size 2: 1442 x 1998 pixel
Active Area
Size 1: 20 x 30 mm
Size 2: 26 x 38 mm

MULTIUSER CONNECTION
The software can be installed on several computers. The license allows up to ten users on the network simultaneously.

THINNER BODY
Only 4.8 mm thickness

USB CONNECTION
USB 2.0; 2,7 meter long cable; tear resistant and flexible connection sensor to cable.

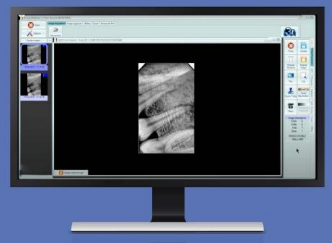
WATER RESISTANT
IP Code: IP 68. The sensor was designed to withstand dust, dirt and sand, and is resistant to submersion underwater.

PC SPECIFICATION
Operating System: Windows® 8 (64 bit), Windows® 10 | CPU: Intel i5-2520M 2.5 GHz or superior | RAM 4GB | Video card 1024 x 768 resolution in 65,000 colours (ideally 1280 x 1024 - 16 million colours, 32 bit) | Hard drive 500 GB | USB Port 2.0 type A

Discover a world of images

ADVANCED SOFTWARE TECHNOLOGY

Deep-View imaging suite is a complete and integrated software for intuitive navigation with several advanced features to obtain and manage thousands of high definition images for more accurate diagnosis.



EFFICIENT
Save time, optimize files' management, and speed up the workflow

EASY TO USE
Run the amazing features of Deep-View in a few simple steps

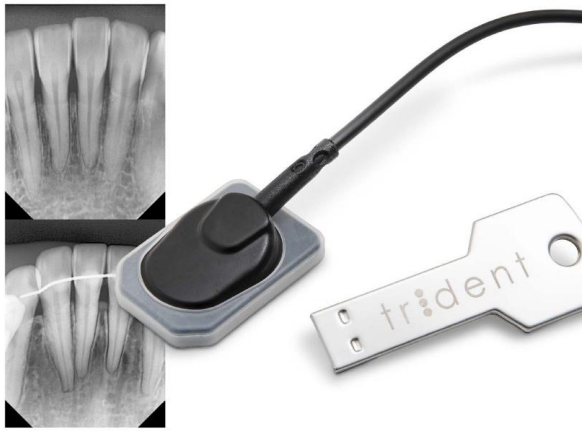
MULTIPLATFORM
The interface innovative design makes Deep-View easy to use in multiple devices

SECURE
Advanced cryptography techniques ensure data protection

- Twain interface
- DICOM files format
- Bridge function included
- Multiple database management
- Automatic calibration files
- No need post-process

HIGH DEFINITION IMAGES WITH NO FILTERS

Thanks to a highly evolved calibration tool, images obtained with I-View Gold do not need post-processing: during the acquisition phase the calibration files remove any possible imperfection by reducing noise and increasing details.



State of the art sensor to obtain intraoral images

- CMOS technology
- 4,8 mm thickness
- Rounded corners
- Flat smooth surface
- Two sizes
- Silicone protective cover



PARAMETER	UNIT	SIZE 1	SIZE 2
Sensor Type	-	CMOS Photodiode Array	
X-ray convertor	-	FOS (FOP+CsI)	
Dimensions (WxLxH)	mm	25,4 x 36,8 x 4,8	31,3 x 42,9 x 4,8
Active Area	mm	20 x 30	26 x 38
Number of Active Pixels	pixel	1110 x 1666	1442 x 1998
Pixel Size	µm	18	
Pixel shape	-	square	
Degree of Protection	-	IP68	
USB cable length	m	2,7	
Electrical rating	-	DC 5V, 500 mA	
Operation mode	-	Global shutter	
Spatial resolution	lp/mm	20 typical (theoretical 25)	
Photodiode detector	-	Positioned outside of sensitive area	

PARAMETER	UNIT	VALUE
Supply voltage DC	V	5
Power supply	-	Directly via USB connection
Maximum absorbed current	mA	500
Frame rate	fps	0.7
Typical dark current @23°C	LSB/s	350
Saturation level pixel (@70 kv)	µGy	340
Dynamic range	dB	57
X-RAY response non uniformity (XRNU)	-	± 30 %
Total dose irradiation	Gy	50

ODM SENSOR 1.0 SIZE



ODM SENSOR 2.0 SIZE



1012-ENA11-I-VIEW GOLD

I-VIEW GOLD

CMOS Intraoral Sensor



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