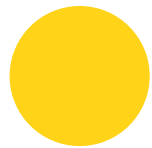
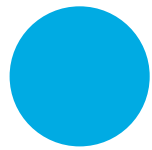


Trident



I-View

Intraoral Sensor

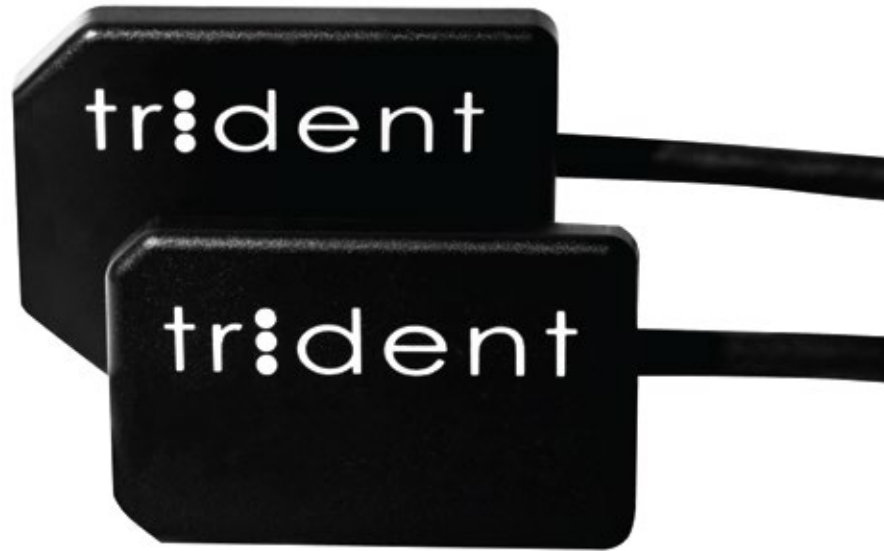
Trident uses the best of CMOS technology to create I-View: an innovative and flexible sensor, to get better diagnosis with outstanding images, saving both valuable time and space.



I-VIEW intraoral sensor produces perfect, top-quality images with excellent resolution (20 lp/mm).

I-VIEW is available in two sizes:
 Size 1 with a sensitive (active) area of 30 x 20 mm ideal for standard examinations.
 Size 2, with a sensitive area of 33 x 25 mm, for examinations that require a larger active surface.

I-View



Two sizes
 Water-resistant
 Replaceable cable
 USB connection



I-VIEW intraoral sensor works with **Deep View®**, a dynamic and intuitive software that offers:

Twain options, easy installation, up to **10** simultaneous users, optimization of work time, **flexibility** for the user, easy **information** management.

Technical Data

Active area	30 x 20 mm (size 1) 33 x 25 mm (size2)
Pixel size	20 x 20 µm
Number of Pixels	1500 x 1000 (size1) 1650 x 1250 (size2)
Distance between pixels	20 µm
Spatial resolution	20 lp/mm
Dynamic range	58 dB
Scintillator type	CsI
Connection to PC	USB 2 (A type) cable 2 mt
Supply voltage	5 V DC
Maximum absorbed current	275 mA
Frame rate	0,7 fps
Dark current typical 23°C	350 LSB/s
Saturation dose (70 kV)	340 µGy
Sensitivity	15 LSM/µGy
X-RAY response non uniformity (XRNU)	± 30 %
Degree of Protection	Equivalent to IP67
Temperature	0 to 35°C

PC specifications

4GB RAM, USB 2.0 interface, CPU Intel i5-2520 2.5 GHz or superior, Windows XP (SP3)/7 (32/64 bit SP1) /8 (64 bit) Monitor 1024 x 768, 65000 colors at least



trident srl

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Document: BI-View
 Version: 01-Jan 2016

