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trident by DIC



Obtain lasting, precise, striking images with I-VIEW.

The exclusive intraoral sensor by Trident with technology CMOS ready to help you simplify your work

I-VIEW

CMOS INTRAORAL SENSOR

https://stomdevice.ru - стоматологическое и зуботехническое оборудование с доставкой по России и СНГ

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ENJOY THE ADVANTAGES OF I-VIEW

Here at Trident we have taken on board the best in CMOS technology, in order to integrate it into a machine with an ergonomic design able to adapt easily to the anatomy of the oral cavity. I-VIEW is an innovative, flexible, ultra-resistant sensor able to produce surprising images.



Practical and productive I-VIEW becomes operative immediately.

- It captures high-quality images in real time, making X-ray film a thing of the past.
- It saves time, thanks to the high-speed data transmission and how easy it is to connect.
- It makes dental records easier to manage and prolongs their useful life.
- Images can be stored on a PC, saving both space and time.
- East to install, handle and transport.

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

High-definition digital images

The efficacy of a diagnostic tool able to identify a patient's condition or diseases s/he may have depends both on the experience of medical professionals and on the working tools used to support their knowledge. The I-VIEW intraoral sensor produces perfect, top-quality images with excellent resolution (20 lp/mm). Both accurate and fast, it offers the doctor or dentist an accurate picture of the teeth to be treated.

Software Deep View®

Deep View® is the specific software of the I-VIEW intraoral sensor developed exclusively for Trident with the guidance of a highly professional team. Deep View® is a dynamic, intuitive software that guides the user through its practical content by rapidly highlighting its essential functions. Deep View® can be used by several medical professionals at the same time, because the networking system has a capacity of up to 10 users at any given time.



TECHNICAL INFORMATION

Two sizes

The I-VIEW intraoral sensor comes in two sizes:

- **Size 1**
  ideal for standard examinations, with a sensitive (active) area of 30 x 20 mm

- **Size 2**
  with a sensitive area of 33 x 25 mm, for tasks that require a larger active surface



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ITALY | Assago (MI) | info@trident-dental.com
www.trident-dental.com

Ihr Servicepartner:

DIC Digital Imaging Corporation GmbH
Weiherstrasse 11, 6275 Ballwil
Tel: 041 448 32 01 info@dic.ch www.dic.ch

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