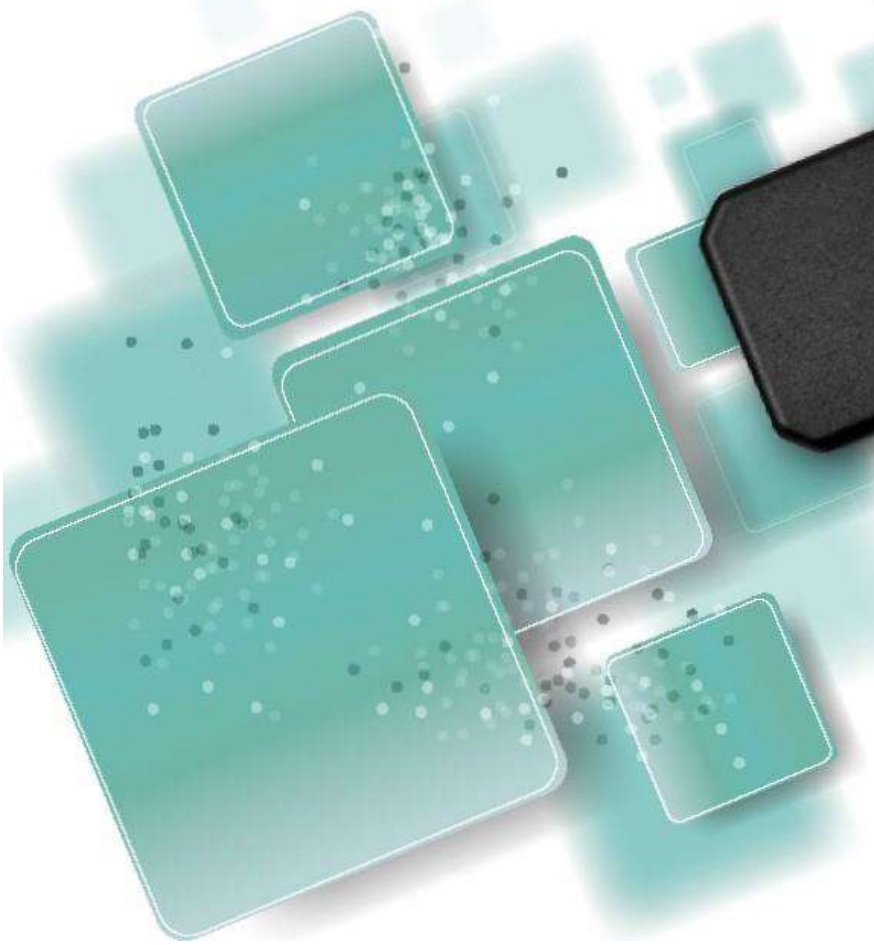
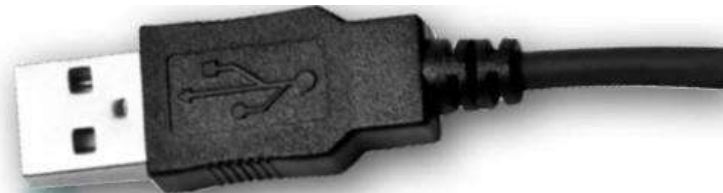




DIGISENS

Intraoral Sensor

simplify your work



The exclusive intraoral sensor with CMOS technology

DIGISENS

Intraoral Sensor

Discover the advantages of our sensor



DIGISENS Advantages

Our Intraoral sensor produces perfect, high quality images with excellent resolution (20lp/mm) without the use of traditional films, no waiting and with very short exposure time. Images are directly sent to your screen.

Our **Imaging Software** is a dynamic and intuitive system. It guides the user through its practical content by rapidly highlighting its essential functions.

Technical parameters

Active area	30 x 20 mm (size 1) 33 x 25 mm (size 2)
Pixel size	20 x 20 µm
Pixel shape	Square
Number of Pixels	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 o GOS
Connection to PC	USB 2 (A type) cable 2 mt
Supply voltage	5 V DC from USB
Maximum absorbed current	275 mA
Frame rate	0,7 fps
Dark current typical @25°C	350 LSB/s
Saturation dose (@ 70 kV)	340 µGy
Sensitivity	15 LSM/µGy
X-Ray response non uniformity (XRNU)	± 30 %
Maximum absorbed dose	50 Gy
Degree of Protection	Equivalent to IP67
Operating temperature	0 ÷ 35°C

Minimum system requirements of PC

Operating System	Windows XP® SP3, Windows Vista (32/64 bit) SP2, Windows 7 (32/64 bit) SP1, Windows 8
CPU	Intel
RAM Memory	1 GB (ideally 2 GB)
Hard drive	10 GB RAM
USB Port	2.0
Available space on HD	80 GB
Video card	1024x768 resolution in 65,000 colours (ideally 1280x1024 16 million colours, 32 bit)

DIGISENS - Intraoral Sensor

The best CMOS technology with an ergonomic design able to adapt easily the anatomy of the oral cavity. DIGISENS is an innovative, flexible, very resistant sensor able to produce high quality images.



DIGISENS is Immediately Operative

- Easy to install, handle and transport
- It produces high quality images in real time.
- Images can be stored in your PC, saving space and time.
- Our Imaging Software can easily manage images stored.

DIGISENS in 2 sizes

- Size 1 - Active area of 30x20 mm
- Size 2 - Active area of 33x25 mm



Size 1 - 30 x 20 mm

Size 2 - 33 x 25 mm



NEW LIFE RADIOLOGY Corso Giuseppe Canonico
Allamano 13/15 int.G - 10095 Grugliasco (TO) Italy
Phone and fax +39.011.781994
info@newliferadiology.it www.newliferadiology.it

MADE IN ITALY

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