



SOPIX Veterinary Dental Sensors

Digital Intra Oral CMOS Sensor

SOPIX SERIES

Striking Contrast for a more Reliable Diagnosis

2 FIBER PIXEL

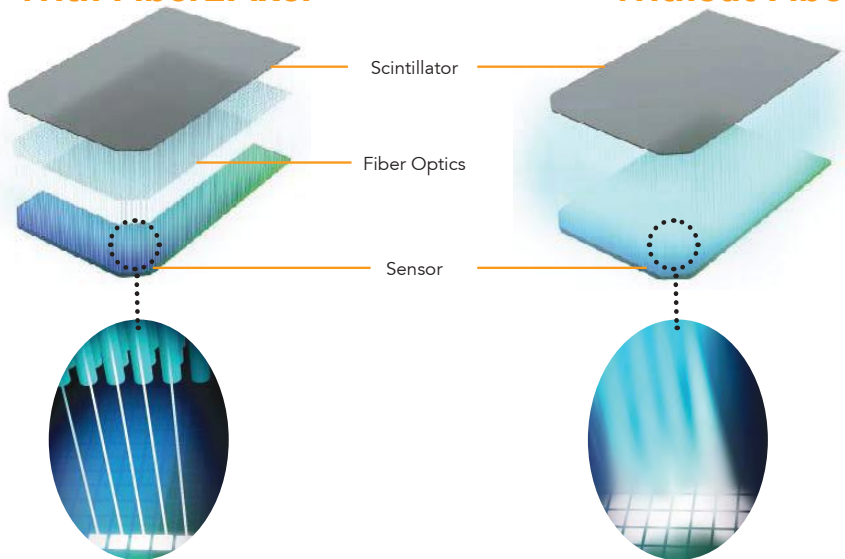
Differentiation of the dental tissue
FIBER2PIXEL® technology is based on the use of broad spectrum optical microfibers for the guided transmission of photon emissions in order to provide highly contrasted images.

MORE INVENTIVE

Better differentiation of the dental tissue
SOPIX® sensors surpass the limits of radiological examinations by offering greater differentiation of dental tissue. This technological achievement is called FIBER2PIXEL®.

With Fiber2Pixel

Without Fiber

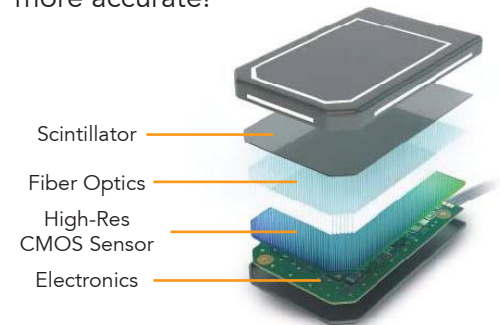


A successful X-ray
every time with minimal
exposure to radiation



LESS INVASIVE

A more reliable diagnosis
The different tooth anatomic structures, such as the bone, roots, pulp... are highlighted with extreme precision on the image. Your diagnosis is faster and more accurate!



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SPECIFICATIONS

| Size 1 | |
|---------------------|----------------------------------|
| External dimensions | 25 x 39 mm |
| Active surface area | 600 mm ² (20 x 30 mm) |
| Number of pixels | 1.50 million |

| Size 2 | |
|---------------------|----------------------------------|
| External dimensions | 31 x 42 mm |
| Active surface area | 884 mm ² (26 x 34 mm) |
| Number of pixels | 2.21 million |

| SOPIX / SOPIX inside system | |
|-----------------------------|----------------------------------|
| Technology | CMOS + scintillator+ optic fiber |
| Pixel size | 20 µm x 20 µm |
| Theoretical resolution | 25 lp/mm |
| Real resolution | >12 lp/mm |
| Supplied imaging software | Sopro Imaging |
| TWAIN module | Yes |

| SOPIX ² / SOPIX ² inside system | |
|---|----------------------------------|
| Technology | CMOS + scintillator+ optic fiber |
| Pixel size | 20 µm x 20 µm |
| Theoretical resolution | 25 lp/mm |
| Real resolution | >18 lp/mm |
| Supplied imaging software | Sopro Imaging |
| TWAIN module | Yes |

| SOPIX / SOPIX ² USB connection | |
|---|---------|
| Connection | USB 2.0 |
| Total cable length | 3.70 m |

| SOPIX inside / SOPIX ² inside USB connection | |
|---|---------|
| Connection | USB 2.0 |
| Total cable length | 0.70 m |

| Windows® minimum configuration required | |
|---|--|
| Operating system | Windows 7 SP1 |
| Processor | Core 2 duo - 3GHz |
| RAM | 2GB |
| Hard disk | 250GB |
| USB ports | 4 USB2 Hi-Speed ports |
| Graphic card | 512MB RAM unshared memory / compatible DirectX 9 |
| USB Chipset | Intel or NEC / RENESAS |
| Screen resolution | 1280 x 1024 |

| Windows® recommended configuration | |
|------------------------------------|--|
| Operating system | Windows 10 |
| Processor | Intel Core i5 |
| RAM | 4GB |
| Hard disk | 1TB |
| USB ports | 4 USB2 Hi-Speed ports |
| Graphic card | Chipset Nvidia® or ATI® 2GB / unshared memory compatible DirectX 9 or more |
| USB Chipset | Intel or NEC / RENESAS |
| Screen resolution | 1280 x 1024 |



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