# TELEVERE
## SYSTEMS

## SOPIX Veterinary Dental Sensors

# Digital Intra Oral CMOS Sensor

### SOPIX SERIES
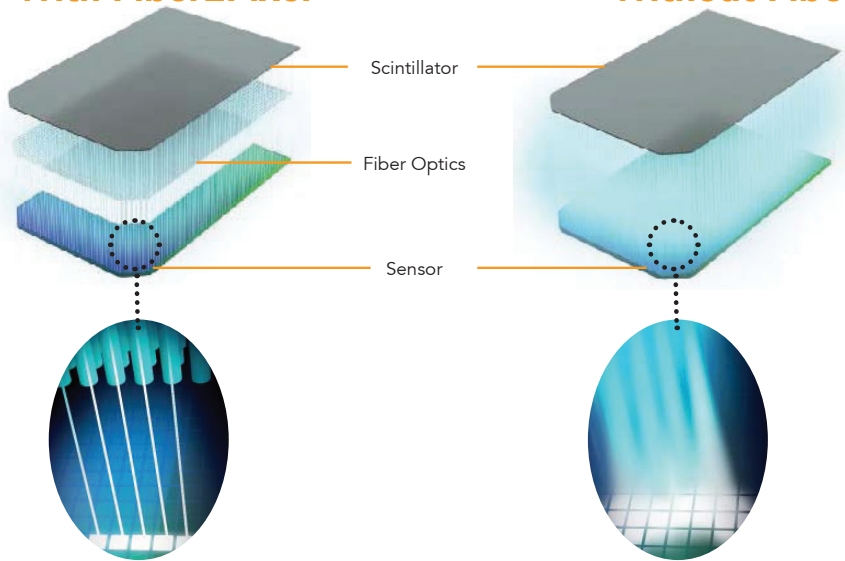Striking Contrast for a more Reliable Diagnosis

## 2FIBER
## 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®.
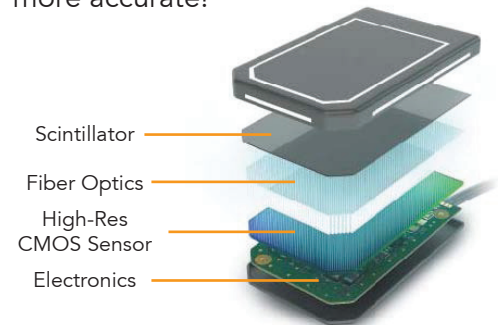
A successful X-ray every time with minimal exposure to radiation



### With Fiber2Pixel
### Without Fiber

Scintillator

Fiber Optics

Sensor

### 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!

Scintillator

Fiber Optics

High-Res CMOS Sensor

Electronics



*Call us for an in-office demo today*
# 1-800-385-9593

# SOPIX Veterinary Dental Sensors

## Digital Intra Oral CMOS Sensor

### SPECIFICATIONS

| Size 1 | |
| --- | --- |
| External dimensions | 25 x 39 mm |
| Active surface area | 600 mm² (20 x 30 mm) |
| Number of pixels | 1.50 million |

| Size 2 | |
| --- | --- |
| External dimensions | 31 x 42 mm |
| Active surface area | 884 mm² (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 |

| SOPIX² / SOPIX² 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 / SOPIX² USB connection | |
| --- | --- |
| Connection | USB 2.0 |
| Total cable length | 3.70 m |

| SOPIX inside / SOPIX² 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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