The XIOS XG sensors are a particularly cost-effective solution for the most modern intraoral x-rays, with an outstanding workflow and an exceptionally brilliant image quality.

See the film on simple cable replacement at
sirona.com

XIOS XG Supreme
For modern top-level intraoral x-rays. With exceptional image quality thanks to HD resolution and a CsI layer**.

XIOS XG Select
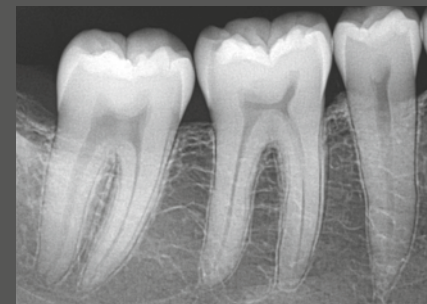The more cost-effective variant of the XIOS XG sensor, highly economical with an optional WiFi module.

Simple cable replacement
If the cable is damaged, it can be easily and rapidly replaced on-site, guaranteeing optimal investment security. Only two screws have to be loosened.

HD image quality
XIOS XG Supreme attains a sensor resolution of 33.3 Lp/mm* and also has a special CsI layer** for images with especially low noise and high contrast.

Flexible expansion
The XIOS XG Select sensors can optionally be equipped with USB or WiFi. A problem-free expansion from USB to WiFi technology is possible at any time.

WiFi module

USB module

* Theoretical resolution.   ** Cesium iodide layer.

ALWAYS AT THE FOREFRONT OF **INNOVATION!**

As global innovation leader for dental equipment, we continuously invest in research and thus in the future of modern dentistry. By networking digital technologies with integrated solutions and optimizing the treatment workflow, we create improved treatment results, more comfort and safety for the patient as well as time and cost savings in everyday work. The combination of constant innovative power and globally growing sales and service structures makes Sirona the global market leader trusted by thousands of practices and labs around the world. **Enjoy every day. With Sirona.**

CAD/CAM systems
From pioneer to new standard. For almost 30 years we have been developing digital dentistry and creating new possibilities for the future practice and lab.

Imaging systems
Best image quality with the lowest dose. More than 100 years of developing x-rays for the dental practice make us the number 1 innovation partner.

Treatment centers
The business card of modern practices. We are striving to create the ideal ergonomic and innovative center. Individually tailored to the well-being and demands of the patient and dentist.

Instruments
Advantages that speak for themselves. We make sure that we provide the right balance of proven quality, individual ergonomics and innovative technology for user-friendly work.

Hygiene systems
Competence that gives you safety. When it comes to hygiene in the practice, we do not take any shortcuts.

INTRAORAL X-RAY

GLOBAL NUMBER 1

THE INTRAORAL X-RAY UNIT FAMILY

A FLEXIBLE START IN THE WORLD OF IMAGE QUALITY.

SIRONA.COM

THE PERFECT **X-RAY PLATFORM** FOR EVERY PRACTICE.

Intraoral x-rays are a part of the every-day tasks in every dental practice. This is fine if it can be kept as simple as possible: Sirona's flexible intraoral x-ray systems offer the right solution for every practice, and, like all Sirona x-ray units, not only offer the best image quality at the lowest dose, but also a perfect workflow.

Enjoy every day. With Sirona.

QUICK, CLEAR DIAGNOSES

Thanks to outstanding digital image quality, available in near-real time.

BETTER WORK QUALITY

Thanks to simple operation, the modern processes in the soft-ware SIDEXIS, the WiFi option of the XIOS XG sensors and your trusted partner HELIODENT^{PLUS}.

HIGH INVESTMENT SECURITY

Thanks to Sirona quality, flexible expansion and the easy-to-change cables for XIOS XG sensors and the robust HELIODENT^{PLUS}.

HELIODENT^{PLUS}

Precisely tailored to your needs: HELIODENT^{PLUS} is an intraoral x-ray unit of the latest generation, oriented entirely to the requirements of your practice team.

SAFE OPERATION
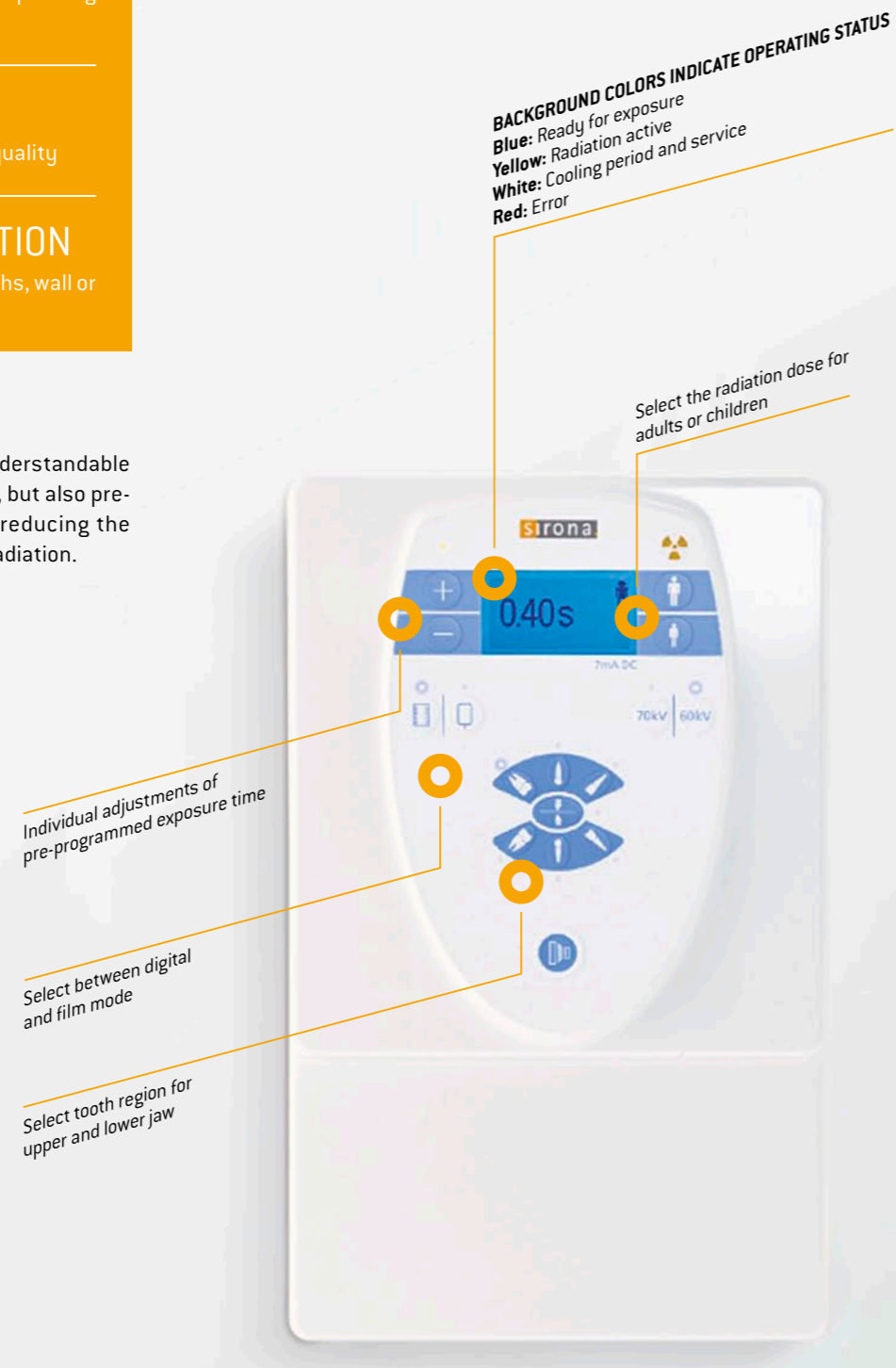with an intuitively understandable operating panel

HIGH QUALITY
Robust and durable, best image quality

FLEXIBLE INTEGRATION
Three different support arm lengths, wall or ceiling installation

UNDERSTOOD AT A GLANCE

Easy operation via the intuitively understandable operating panel not only saves time, but also prevents incorrect exposures – thus reducing the patients' unnecessary exposure to radiation.

BACKGROUND COLORS INDICATE OPERATING STATUS
Blue: Ready for exposure
Yellow: Radiation active
White: Cooling period and service
Red: Error

Select the radiation dose for adults or children

Individual adjustments of pre-programmed exposure time

Select between digital and film mode

Select tooth region for upper and lower jaw

Tube assembly head with an angle measurement tool for easy positioning

AVAILABLE INSTALLATION OPTIONS

Remote Timer
You can direct the entire imaging process from outside the x-ray room.

Remote Control
X-ray imaging by remote control from outside the x-ray room.
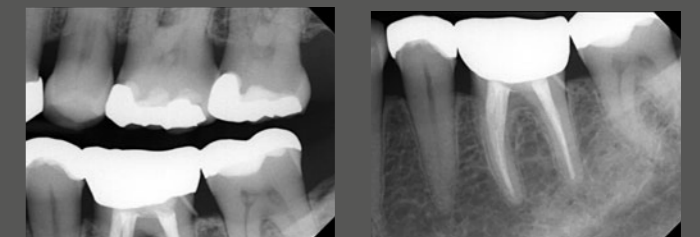
Hand release
With 3 m spiral cable to release radiation in the treatment room observing the minimum distance.

DEPENDABLE FOR EVERY ASPECT OF YOUR PRACTICE

The swivel arm is designed for maximum workloads. Thanks to its three arms length choices, the ceiling model and the ceiling combo with LEDview, HELIODENT^{PLUS} can be flexibly integrated into every practice.

Best image quality
The high frequency generator delivers high-energy, harder radiation than single pulse generators. The result is detailed x-ray images with a high contrast range: ideal for rapid and clear diagnoses.

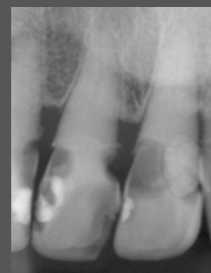# THE WORLD OF IMAGE QUALITY OF **INTRAORAL UNITS.**

HD-IMAGE QUALITY

XIOS XG Supreme SENSORS

- HD image quality with 33.3 Lp/mm resolution*
- CsI layer for extremely low noise and high contrast images
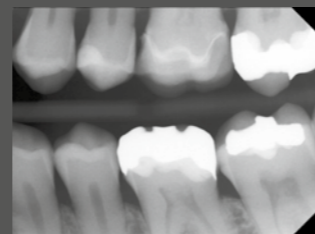
XIOS XG Select AND XIOS^PLUS SENSORS

- Active pixel sensor CMOS technology
- An optimal solution combined with low image noise
- Balanced, automatic pre-processing

Multiple caries 11,21,22,23 no apical abnormalities, horizontal bone resorption

Implant check for healing

37 primary lesion mesial, 26 crown edge gap mesial

Dynamic sharpness control
The XIOS XG Supreme Sensor with SIDEXIS Software can be individually set for four different diagnoses – with dynamic sharpness control for sharpness, brightness and contrast. This saves time because after a one-time configuration, the images are shown already optimized for examination to make the diagnosis.

0 %   50 %   100 %

* Theoretical resolution.

XIOS^{PLUS}

Whether Ethernet or USB mode: the XIOS^{PLUS} intraoral sensor system fits into any dental practice. Installing and handling the sensors is amazingly simple.

EASY HANDLING
Two sensor sizes for all patients and indications, easy positioning with sensor holders

BEST IMAGE QUALITY
Active pixel sensor CMOS technology, optimal resolution, pre-processing

HIGH FLEXIBILITY
Plug & Play operation, USB or Ethernet mode

PLUG & PLAY SENSORS

XIOS^{PLUS} sensors are immediately ready for operation without a lengthy installation process and can display images in near-real time. Thus, you can take x-rays on the spot during treatment, without having to interrupt complex interventions.

Flat shape, anatomically rounded corners and edges, rear cable outlet: for ergonomic positioning
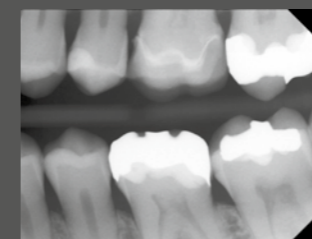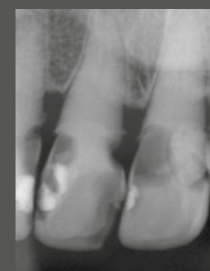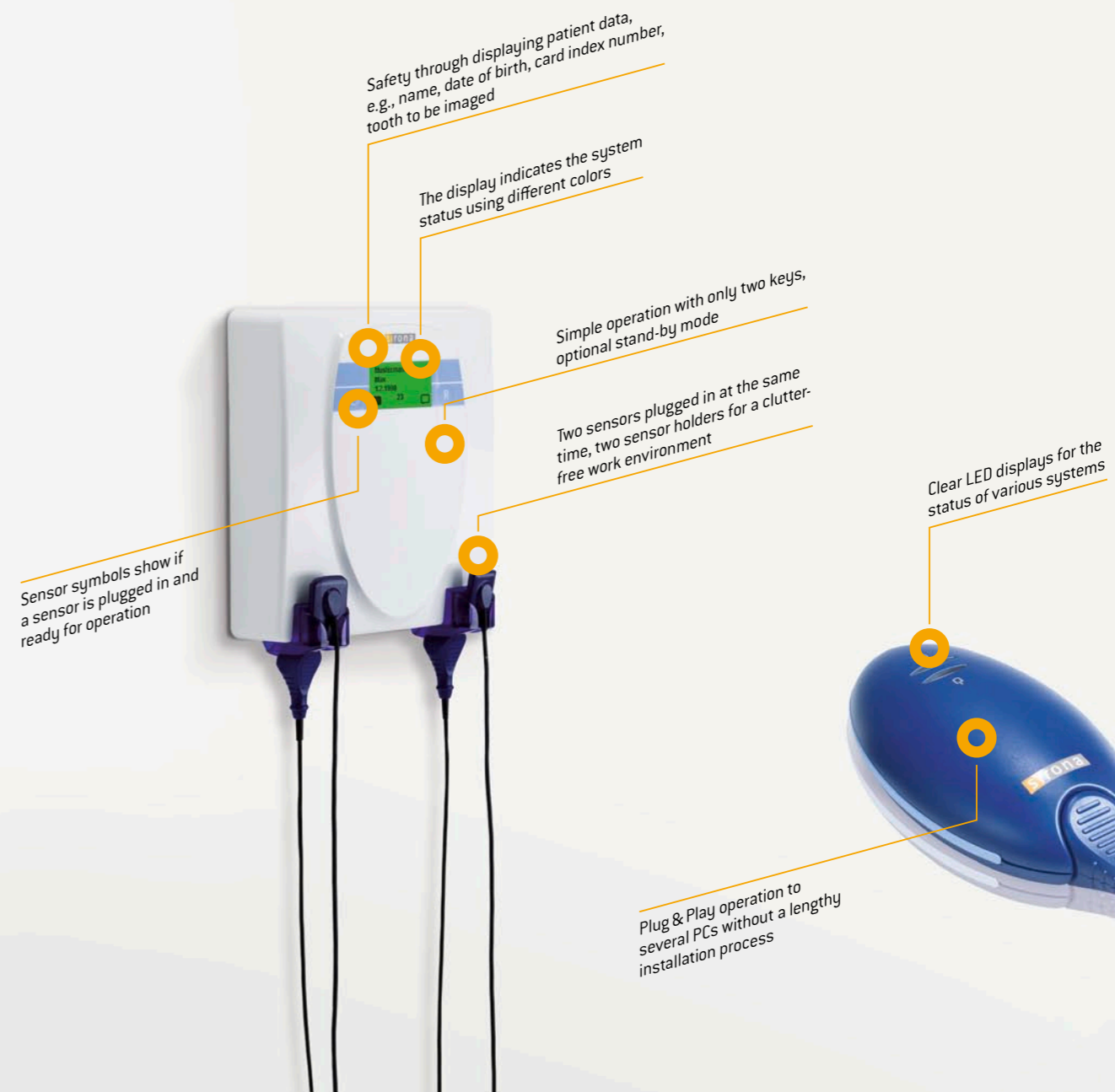
WALL MODULE FOR NETWORK OPERATION

Via the wall module, each PC in the dental practice network can prepare the unit for exposure, receive x-ray images and store them centrally on the server.

ALTERNATIVE USB MODULE

The USB module is available at an attractive price and provides for cost-effective entry into the world of digital x-rays.

Safety through displaying patient data, e.g., name, date of birth, card index number, tooth to be imaged

The display indicates the system status using different colors

Simple operation with only two keys, optional stand-by mode

Two sensors plugged in at the same time, two sensor holders for a clutter-free work environment

Clear LED displays for the status of various systems

Sensor symbols show if a sensor is plugged in and ready for operation

Plug & Play operation to several PCs without a lengthy installation process

Quickly coming to a clear diagnosis
The image which appears on the screen can be used immediately for diagnosis. The active pixel sensor CMOS technology ensures the best image quality, a combination of optimal resolution with low image noise and balanced, automatic pre-processing.

The proven XIOS sensor holders enable easy positioning without increasing the size of the intraoral sensor.

XIOS XG Select and Supreme

HD IMAGE QUALITY
with 33.3 Lp/mm resolution* with XIOS XG Supreme

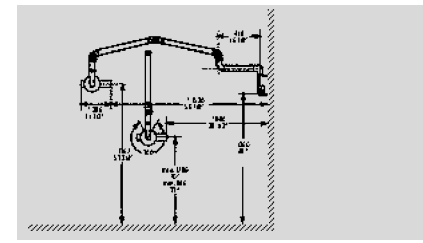## SIMPLE CABLE CHANGE
ensures high cost-effectiveness

WIFI OPTION
for exceptional workflow

EXCEPTIONAL WORKFLOW WITH WIFI
- ○ Cable-free data transmission
- ○ Easy room change with the system
- ○ Faster sensor size change
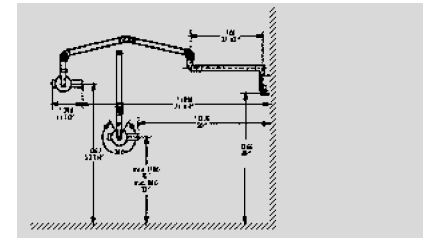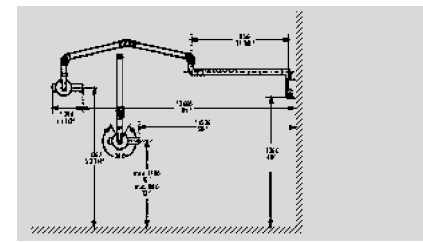- ○ Secure data classification thanks to the latest RFID technology

TECHNICAL DATA.

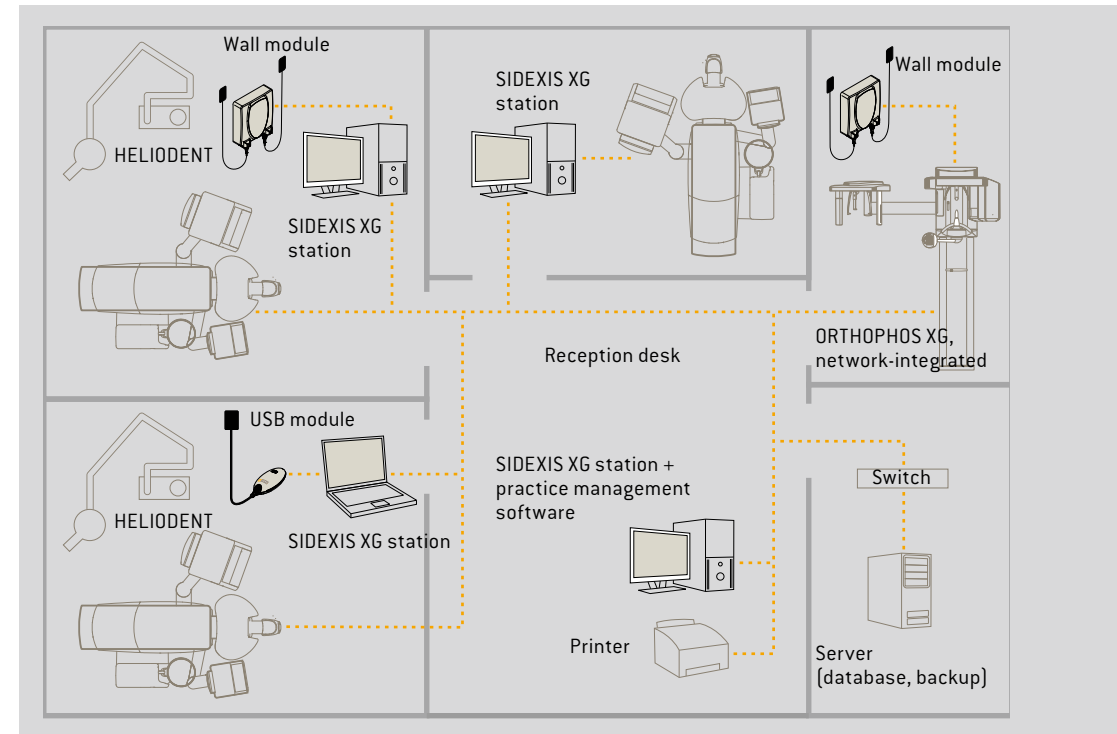|	HELIODENT^{PLUS}
Generator type	High-frequency generator for constant high voltage
Tube voltage	Adjustable between 60 kV and 70 kV
Tube current	7 mA
Focal spot	0.4 (IEC 336)
Line voltage	120–240 V ± 10 % without switching, 50/60 Hz
Exposure time	Incrementally adjustable from 0.01 to 3.2 s
Detector media	Preset for E film and XIOS XG sensors, exposure times can be individually adjusted, also for storage plates and other sensor systems
Display	Multicolored display to show the different system states
Focus-to-skin distance	Standard 20 cm, optional 30 cm
Available installation options	Wall installation with 3 support arm lengths, ceiling model, ceiling combo with LEDview, installation remote control and remote timer

HELIODENT^{PLUS}, **medium support arm**

HELIODENT^{PLUS}, **long support arm**
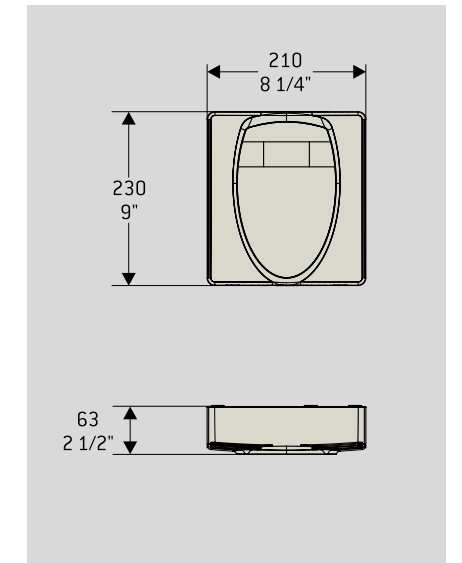

HELIODENT^{PLUS}, **extra long support arm**

Intraoral X-Ray systems from Sirona are easy to integrate into the practice network.

	XIOS^{PLUS}
Sensors	
Sensor 1: Active surface	20 x 30 mm
Sensor 1: Overall dimensions	24.8 x 38.5mm
Sensor 2: Active surface	25.6 x 36 mm
Sensor 2: Overall dimensions	31.3 x 44.5 mm
Physical pixel size	15 µm
Measured resolution	16 Lp/mm
Sensor cable length	3 m
USB module	
USB port of USB module	Version 2.0 oder 1.0
Wall module	
Line voltage	100–240 V, 50/60 Hz

XIOS^{PLUS} wall module

	XIOS XG Select
Sensors	
Sensor 0: Active surface	18 x 24 mm
Sensor 0: Overall dimensions	23.5 x 32 x 6.3 mm
Sensor 1: Active surface	20 x 30 mm
Sensor 1: Overall dimensions	25.3 x 38.4 x 6.3 mm
Sensor 2: Active surface	25.6 x 36 mm
Sensor 2: Overall dimensions	31.2 x 43.9 x 6.3 mm
Physical pixel size	15 µm
Measured resolution	16 Lp/mm
Theoretical resolution	16.7 Lp/mm
Sensor cable length	Up to max. 2.7 m
USB module	
USB port of USB module	Version 2.0
Power supply	USB port
WiFi	
Technology	IEEE 802.11b/g
Charging station for WiFi	
Function	Storage device and charger with LED status display

	XIOS XG Supreme
Sensors	
Sensor 0: Active surface	18 x 24 mm
Sensor 0: Overall dimensions	23.6 x 32 x 7.5 mm
Sensor 1: Active surface	20 x 30 mm
Sensor 1: Overall dimensions	25.4 x 38.3 x 7.5 mm
Sensor 2: Active surface	25.6 x 36 mm
Sensor 2: Overall dimensions	31.2 x 43 x 7.5 mm
Physical pixel size	15 µm
Measured resolution	28 Lp/mm
Theoretical resolution	33.3 Lp/mm
Sensor cable length	Up to max. 2.7 m
USB module	
USB port of USB module	Version 2.0
Power supply	USB port
WiFi	
Technology	IEEE 802.11b/g
Charging station for WiFi	
Function	Storage device and charger with LED status display