Innovation set free.

Kodak RVG 6500 System
Several steps ahead
Introducing the Kodak RVG 6500 system—the world’s first RVG sensor to offer Wi-Fi compatibility while maintaining the same best-in-class image quality you trust.

The RVG 6500 sensor represents a turning point in intraoral imaging. It not only delivers the highest resolution of any intraoral sensor in the industry (> 20 lp/mm), but also redefines portability and convenience. From compatibility with your iPod touch® or iPhone® to a positioning tool that thinks for you, the RVG 6500 sensor is designed to simplify the way you work.

Discover new opportunities with the Kodak RVG 6500 system… and change the way you think about intraoral sensors.
With three sizes available (0, 1, and 2), the sensor is perfectly sized for any examination. Size 0 is ideal for pediatric applications.

See clearly
>20lp/mm resolution provides unmatched anatomical detail for the clearest, sharpest images you can imagine.

Exceptional in every detail
Uncompromised image quality

With the Kodak RVG 6500 sensor, you no longer have to sacrifice image quality for wireless abilities. Continuing our tradition of excellence, the sensor delivers the same image quality as our wired RVG sensor models—providing the highest image resolution in the industry for maximum precision and maximum flexibility.

Our exclusive RVG technology is the result of decades of research in digital imaging. Combining high resolution with wide exposure latitude, the Kodak RVG 6500 sensor delivers exceptionally clear, sharp images with unmatched anatomical detail. The result: the highest image quality imaginable.

Where ergonomics and durability meet

The Kodak RVG 6500 sensor’s ergonomic design makes positioning easier than ever. Rounded corners ensure patient comfort, while a rear-entry cable helps with proper sensor placement to capture a variety of images that require horizontal or vertical positioning. And, thanks to thorough testing, the robust RVG 6500 sensor has been designed to provide maximum durability—ensuring a long lifespan.
Move freely, see clearly

Portability redefined
The RVG 6500 sensor uses proven Wi-Fi technology to ensure maximum portability. In five seconds, images are transferred to your computer with no interruption to your workflow. And, without any wires to hold you back, you can easily share sensors between examination rooms and keep your operatories cable-free. Such efficiency not only eliminates cumbersome cables, but also provides complete mobility during chairside examinations.

Wireless that works
Unlike other wireless technologies, the RVG 6500 sensor employs the highest standard (802.11g) in wireless to ensure optimal image transfer time and stability via a secure Wi-Fi network. Offering faster transmission times and less noise than other wireless devices, the sensor provides maximum reliability and exceptional, noise-free images. The result: faster, better wireless performance—with no loss in image quality.

Cutting the cord
Wireless image transfer eliminates the need for a computer in each operatory and improves overall portability.
Simplified integration

Versatile and easy to share, the RVG 6500 sensor is an affordable solution for any practice. Wi-Fi technology eliminates the need for a wired connection to your computer—so you can easily move the sensors from one examination room to another. The RVG 6500 system can also be used in a variety of configurations—making it an ideal choice for both single- and multi-chair practices. Plus, thanks to its compact design and various mounting options, you can place the sensor wherever it’s convenient for you.
Intelligent Positioning System. The smart shot

**Easier positioning—no thinking required**

Avoid common positioning mistakes, reduce the risk of retakes and ensure top-quality intraoral images with an innovative positioning tool that thinks for you.

We know that proper alignment is the key to capturing high-quality images. That’s why we developed an exclusive Intelligent Positioning System (IPS) to help ensure accurate sensor placement. An optional feature of the Kodak RVG 6500 sensor, IPS visually guides placement and provides real-time positioning updates.

**Universal**

The IPS ring is universal and can be mounted on most x-ray tubeheads (up to 70.7 mm diameter).
Perfect your alignment

IPS eliminates guesswork and automatically notifies you once the x-ray beam is correctly aligned with the sensor. In addition to eliminating the need for cumbersome positioning devices, IPS also makes an ideal education tool for other users, teaching them proper positioning techniques and ensuring accurate images.

IPS is suitable for paralleling alignment technic, ensuring both proper centering and parallelism, but can also be used for bisecting technic, controlling proper x-ray beam centering.
Imaging on the go

Your images at your fingertips

Access your images like never before. With the RVG 6500 sensor, you can now acquire images with your iPod touch® or iPhone®, and then transfer them to your computer for diagnostic review and archiving.* It’s an easy first step in the image acquisition process—and best of all, wireless transfer means there’s no need to have a computer in each operatory.

In addition, the RVG mobile application provides remote access to your Kodak dental imaging software files, allowing you to easily transfer stored images—between your computer and iPhone or iPod touch.

Available from Apple’s App Store, the RVG mobile application is the first of its kind and marks a turning point in mobility. As the only dental imaging tool in the industry to provide such compatibility, the RVG mobile application transforms any iPod touch or iPhone into a functional image review and communication tool.

* Only images on the computer screen are suitable for diagnostic purposes.
Complete access from the palm of your hand

Take image portability to the next level with the Kodak RVG 6500 system. Download the free RVG mobile application to easily share images with patients and colleagues alike.

The application provides immediate access to images via your iPod touch or iPhone. A standard feature of Kodak dental imaging software (version 6.12 and up), the transfer module transfers images between your computer and iPod touch or iPhone—with no loss of data and no impact to image quality.

A new range of possibilities

Compatibility with the iPod touch and iPhone makes reviewing images easier than ever and provides unprecedented portability and communication opportunities. Use features such as zoom in/out, brightness and contrast enhancements to adjust images, add comments, create patient cards, and more.

Software that's a cinch

Flawless integration with Kodak dental imaging software makes the Kodak RVG 6500 sensor a practical choice for any dental professional. Our easy-to-use software simplifies the way you modify, print, store and manage images. And, since it uses the same imaging software as your other Kodak dental imaging systems, the RVG 6500 sensor can be easily integrated into your workflow. And its intuitive new user interface is compatible with any TWAIN-compliant imaging software.
Smart accessories

The RVG 6500 system comes with all the accessories you need to make the most out of the system, including a sample pack of disposable hygienic sheaths, positioners, and mounting holder. Ask about all available accessories.

Technical specifications

<table>
<thead>
<tr>
<th>Sensor technology</th>
<th>CMOS, scintillator, optical fiber, shock-resistant sensor</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sensor size 0</td>
<td>Sensor size 1</td>
</tr>
<tr>
<td>True image resolution</td>
<td>15 lp/mm</td>
</tr>
<tr>
<td>Pixel size</td>
<td>18.5 µm</td>
</tr>
<tr>
<td>Outside dimensions</td>
<td>22.2 x 30.8 mm</td>
</tr>
<tr>
<td>Dimensions of active area</td>
<td>17 x 22 mm</td>
</tr>
<tr>
<td>Matrix dimensions (pixels)</td>
<td>900 x 1200</td>
</tr>
<tr>
<td>Wireless technology</td>
<td>Wi-Fi 812-11g</td>
</tr>
<tr>
<td>Battery</td>
<td>Lithium</td>
</tr>
<tr>
<td>Battery autonomy</td>
<td>Approx. 180 shots</td>
</tr>
<tr>
<td>Control box dimensions (without IPS)</td>
<td>83 (H) x 47 (W) x 16 (D) mm</td>
</tr>
<tr>
<td>Control box dimensions (with IPS)</td>
<td>83 (H) x 47 (W) x 21 (D) mm</td>
</tr>
</tbody>
</table>

Want to know more?

Contact your authorized dealer or visit www.kodakdental.com to schedule a live product demonstration.