



Intraoral X-Ray Sensor Innovation Sets New Imaging Standards in Dentistry

Freedom Technologies Group, LLC creates advanced dental imaging solutions that improve clinical efficiency and diagnostic accuracy.

FORT WAYNE, IN, UNITED STATES, April 14, 2025 /EINPresswire.com/ -- [Freedom Technologies Group, LLC](#) has launched an innovative line of [intraoral X-ray sensors](#) that transform diagnostic imaging in modern dental practices. The wireless DC-Air™ system delivers a blend of high-resolution imaging, ergonomic design, and streamlined integration into clinical workflows. Built to reduce common imaging errors and improve the patient experience, this technology reflects a broader shift toward precision-focused digital dentistry.

Intraoral X-ray sensors play a critical role in modern dental diagnostics, with the DC-Air™ introducing a meaningful evolution in sensor technology. By employing direct conversion, it generates high-definition images without relying on the intermediate step of light conversion. This approach improves the visualization of fine anatomical features, supporting more confident clinical assessments.

Designed without cables and just 5.4mm thick, the sensor offers enhanced ease of use and flexibility during procedures. It utilizes Bluetooth® technology for fast image delivery and features a solid-state internal design. With an IP67 rating, it is highly reliable, protecting the device from moisture and routine handling in clinical environments.

For practices aiming to improve diagnostic accuracy and workflow efficiency, adopting advanced intraoral X-ray sensor technology can provide long-term clinical benefits.

About Freedom Technologies Group, LLC: Freedom Technologies Group, LLC creates advanced dental imaging solutions that improve clinical efficiency and diagnostic accuracy. Specializing in wireless radiographic technologies, the company prioritizes ease of use, long-term dependability, and consistent image quality across dental settings. Their innovations seamlessly integrate into existing workflows, ensuring they meet the evolving needs of modern dental practices.

Company Name: Freedom Technologies Group, LLC

Address: 4321 Goshen Road

City: Fort Wayne

State: IN

Zip Code: 46818

Phone: (855) 664-1953

Email Address: info@ftgimaging.com

Freedom Technologies Group, LLC

Freedom Technologies Group, LLC

+1 (855) 664-1953

[email us here](#)

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