



Freedom Technologies Group, LLC, Unveils Wireless Advancements in Dental X-ray Sensors

The company emphasizes precision, durability, and ease of integration to support evolving practice demands.

FORT WAYNE, IN, UNITED STATES, April 14, 2025 /EINPresswire.com/ -- [Freedom Technologies Group, LLC](#), has announced the continued innovation of its DC-Air™ wireless [dental X-ray sensors](#), a groundbreaking development in digital radiography. Leveraging direct conversion X-ray technology, the sensor enhances clinical diagnostics while improving the patient imaging experience.

The DC-Air™ sensor addresses the limitations of traditional wired systems with Bluetooth® connectivity, which allows for secure and immediate image transmission. It converts X-rays directly into an electronic signal, avoiding the need for indirect conversion through visible light. This process results in higher native sharpness and establishes a new standard in imaging accuracy.

Its ultra-slim, 5.4mm profile offers more comfort during intraoral exams, making it compatible with virtually any holder system. This sensor's durable, homogenous build and IP67 water resistance rating combine to withstand the rigors of everyday clinical use. This generation of dental X-ray sensors prioritizes both precision and practicality.

Clinicians adopting this new generation of digital imaging benefit from clear, diagnostic-quality radiographs that improve patient communication and treatment planning. The convenience of wireless positioning also streamlines workflows and reduces maintenance downtime, which has historically plagued practices relying on wired sensors.

For guidance on upgrading intraoral imaging systems or improving diagnostic accuracy, consider speaking with an experienced imaging consultant to assess the most effective technology for your practice.

About Freedom Technologies Group, LLC: Freedom Technologies Group, LLC specializes in digital imaging advancements for dental practices, delivering solutions grounded in clinical needs and supported by modern engineering. The company emphasizes precision, durability, and ease of integration to support evolving practice demands. Its innovations are designed to enhance

diagnostic outcomes while maintaining a focus on patient comfort and operational efficiency.

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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