

InfoCode+ Unveils 2D Code That Opens Access for Blind & Deaf—Authenticates Products, Protects Brands, No Internet Needed

HD InfoCode+ debuts at Label Expo—offline smart label empowers blind & deaf, prevents counterfeiting, meets FDA rules, Sept 16–19 in Barcelona

INDIALANTIC, FL, UNITED STATES, September 16, 2025 /EINPresswire.com/ -- Breakthrough in Smart Labeling HD InfoCode+ has been called “a memory stick on paper”, all accessible offline. This innovation bridges the gap between accessibility, regulatory compliance, and brand protection—without relying on cloud storage or external databases.

Accessibility Meets Precision Printing

To bring HD InfoCode+ to life, HD Barcode partnered with HP Indigo®, the global leader in digital printing technology.

“We needed to ensure readability for individuals with disabilities, and partnering with HP Indigo® was an easy decision,” said Gary Parish, Managing Director of HD Barcode LLC. “Their presses deliver the precision and quality needed to print the most advanced and secure 2D codes in the world.”



HP Indigo **HD INFOCODE** **HD BARCODE LLC**
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USA

HD InfoCode provides manufacturers the ability to authenticate their products. USA. Hidden micro dots on label, call for info.

HD InfoCode+ with HD SmartCode
Accessibility for the Visually Impaired and Deaf
Anti-counterfeiting Diversion, and Brand Protection For Manufacturers
All in a Single Code

1. Instructions for Use with Voice and Magnification for the Visually Impaired
2. Optional Link to Scan and Display Directions for use in “Sign Video” at the Pharmacy
3. Two messages in an encrypted code that only the Manufacturer can decode with optional anti-copy features

HD InfoCode The Future of Product Information and Security
<https://youtu.be/71-ubiQT7IE>
www.hdbarcode.com

High Resolution Print Quality with an HP Indigo Digital Press

Parish added: “This solution doesn’t replace Braille, which remains essential. Instead, it adds critical audio-based information that supports blind users, individuals with reading disabilities, and multilingual consumers—opening new doors for global accessibility.”

Empowering Users—No Internet Required

HD InfoCode+ transforms labeling with embedded features that work entirely offline:

- Text-to-Speech Functionality – Delivers magnified text and voice readouts via smartphone (8MP camera or better).

- Braille Navigation – Raised dots guide users to the code, triggering audio instructions in multiple languages.
- Sign Language Support – In-store PC readers display embedded instructional videos for ASL users.
- Secure Data Retrieval – Verified, malware-free product information with automated text comparison tools.
- FDA Compliance – Supports validated inspection protocols to ensure printed directions match approved content.

Expanded Accessibility & Security Features

- Multilingual Audio Support – Codes can be generated in multiple languages, enhancing global usability.
- Braille Labeling Enhancement – Goes beyond EU-mandated basics to deliver full instructions via audio.
- Advanced Product Authentication – HD SmartCode integration detects counterfeits and prevents diversion.
- Offline Security – Unlike QR codes, HD InfoCode+ guarantees secure, verified data without internet connectivity.
- Manufacturer-Only Access – A secure app enables manufacturers to decode encrypted data for authentication and diversion control.



HD Barcodes have been called a memory stick on paper by a college professor”

College Professor

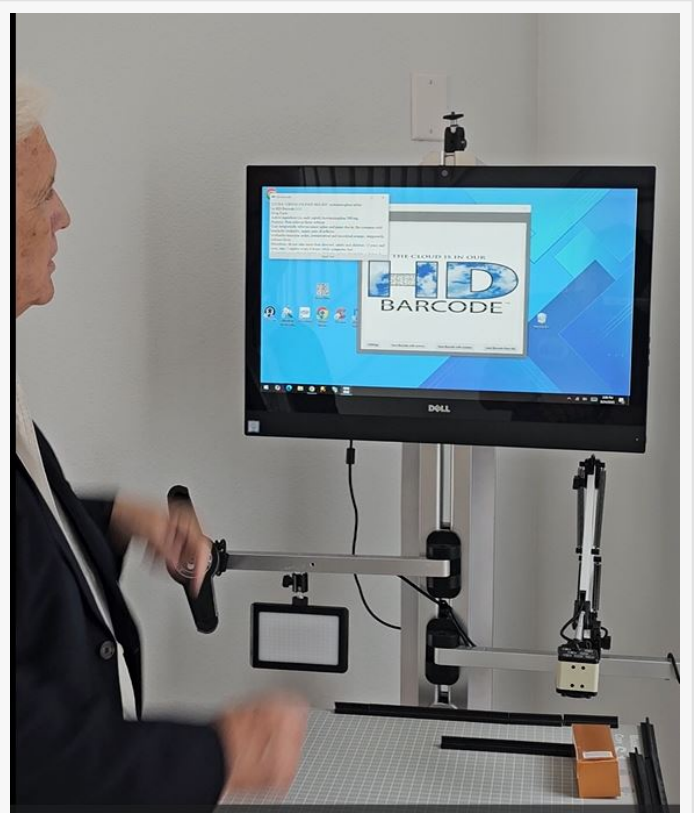
About HD Barcode LLC

HD Barcode LLC is a pioneer in secure, high-density barcode technology, dedicated to improving product labeling through advanced accessibility and security solutions. Its patented technology (US20110240749A1) enables manufacturers to deliver critical product

information instantly and securely—without external databases or cloud reliance.

For more information, visit www.hdbarcode.com

Watch the video: HD InfoCode+: Identification and Directions for use for Food and Drugs



Pharmacies or Food Stores can provide PC Readers to Assist the Visually Impaired and Deaf for Voice and Video Display

Gary Parish

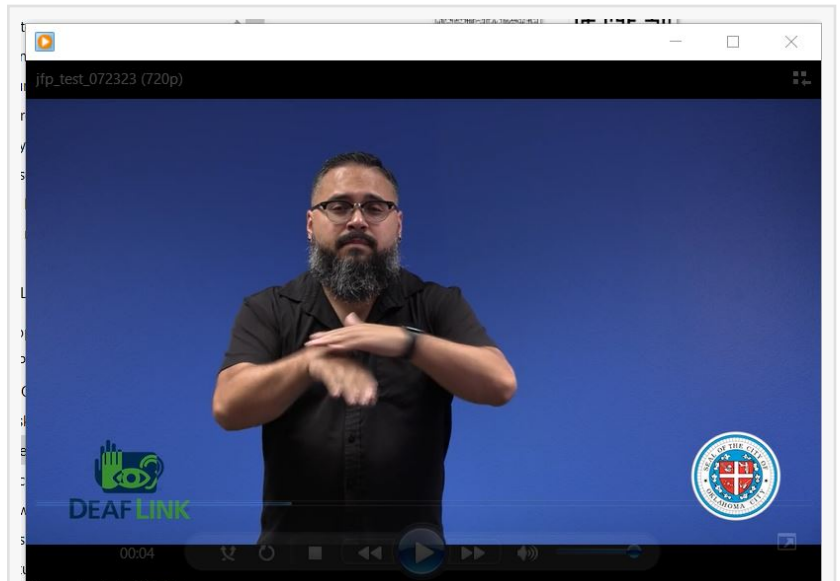
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Manufacturers can add a Third Portion that When Scanned at a PC station Provides the Exact Information in American Sign Language for Directions of Use

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