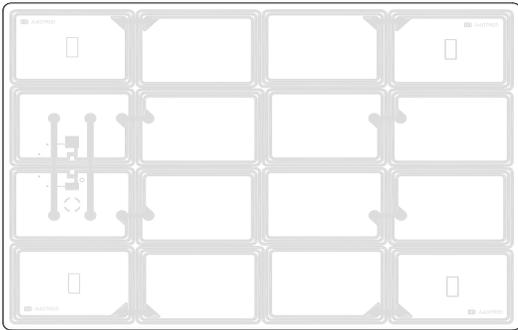


Giant NFC Transponders

Dry and Wet Inlays



- **USER CONVENIENCE**
Optimized NFC antenna design for demanding applications that require reliable RFID performance
- **VERSATILE DESIGN**
NFC chip types for enhanced usability in various applications
- **CUSTOMIZABLE OFFERING**
Different inlay shapes for specific applications with custom chip programming

Identiv's Giant NFC Transponders are designed to provide reliable over-the-air communication with any near field communication (NFC) reader. Available as dry or wet inlays, Giant NFC Transponders provide consistent signal detection over the entire surface area of the tag.

NFC technology provides a standards-based solution for short distance and bi-directional communications with smart devices, including mobile phones or other consumer electronics. This convenient technology opens countless applications for mobile device users, including mobile payment, device pairing, advertising, exchange of data content between devices, and other use cases. NFC transponders provide visibility and loyalty for businesses with smart phone users — NFC products help promote businesses in the virtual world.

Designed to work in a broad range of applications — including the Internet of Things (IoT) market — Identiv's NFC transponders offer new sources of interactivity for customers and manufacturers, including product authentication and brand recognition, electronic game toys, social networking, retail (smart advertisements), healthcare (diagnosis applications), government, and consumer electronics.

Due to NFC's short distance range, the reader-transponder designs typically have to be optimized to enable reliable communications through the standard tap-and-go model. Identiv's Giant NFC inlay portfolio is a breakthrough solution delivering consistent signal detection over the entire surface area by any NFC-enabled device. Featuring an extended surface area through several enhanced antennas, an end user can conveniently pass an NFC-reading device over the Giant NFC Transponder surface, receiving immediate connection to the associated NFC service. Leveraging the NFC reader/writer mode, the Giant NFC Transponder can be programmed to read secure identities stored in its radio-frequency identification (RFID) device.

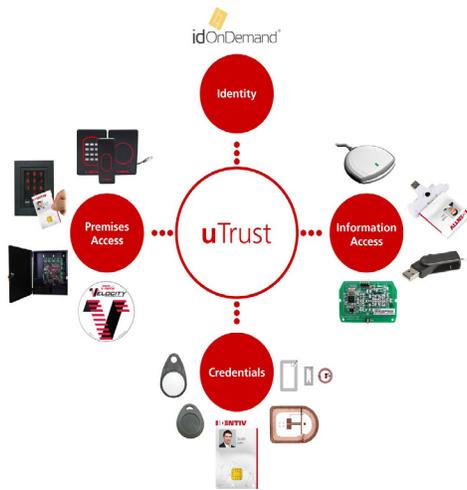
Using Identiv's inlay display, designers can connect an unlimited number of Giant NFC Transponders to cover a large advertising display, panel, or wall, making every point completely interactive. As a result, end users can tap their devices anywhere on the display and launch customized content and functionality, or even connect to online services and analytics. This product is delivered as a wet or dry inlay developed by Identiv.

PART #	PRODUCT NAME	DESCRIPTION
Inlay with NXP NTAG 210		
I00XXXMA1830	Identiv NFC Giant Dry Inlay NTAG210	NFC Dry Inlay 182.7 x 129.5 (MDxCD) with NXP NTAG 210
I00PADMA1830	Identiv NFC Giant Wet Inlay NTAG210	NFC Wet Inlay 188 x 135 (MDxCD) with NXP NTAG 210
Inlay with NXP NTAG 212		
I00XXXMV1830	Identiv NFC Giant Dry Inlay NTAG212	NFC Dry Inlay 182.7 x 129.5 (MDxCD) with NXP NTAG 212
I00PADMV1830	Identiv NFC Giant Wet Inlay NTAG212	NFC Wet Inlay 188 x 135 (MDxCD) with NXP NTAG 212

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PARAMETERS	DESCRIPTION
Available Size (MDxCD)	<ul style="list-style-type: none"> Dry Inlay: 7.2 in x 5.1 in (182.7 mm x 129.5 mm) Wet Inlay: 7.4 in x 5.3 in (188 mm x 135 mm) Others dimensions can be provided upon request
Base Material	PET with aluminium etched antenna
Adhesive	Acrylic
RFID Chip Technology	<ul style="list-style-type: none"> 13.56 MHz High Frequency NFC Type 1, 2, 3, 4 including NXP NTAG 210, NXP NTAG 212 (17pF capacitance chip solutions) Other chip technology can be provided upon request
RFID Chip Memory Size	<ul style="list-style-type: none"> NTAG 210: 640 bits (EEPROM Memory Size); 384 bits (User Memory Size) NTAG 212: 1312 bits (EEPROM Memory Size); 1024 bits (User Memory Size)
Thickness (Over IC)	<ul style="list-style-type: none"> Dry Inlay: 200 um (7.87 mil) Wet Inlay: 350 um (13.78 mil)
ESD	+2 Kv maximum peak, human body model (HBM) according to chip specifications
Quality	Electrical inspection on 100% of the units; Rejects identified with a square or round mark for easy traceability
Delivery Format	Reel with flange side (outer diameter 11.8 in/300 mm; inner diameter 3 in/76 mm)
Optional Services	Electrical encoding (static or dynamic), serialization printing



The foundation of Identiv's trusted identity solutions is a universal identity credential that can be used to trust or securely access any resource. uTrust Credentials are created, provisioned, and managed with a cloud-based service.

Identiv's uTrust products enable business executives and security leaders to make the paradigm shift from patchworked identity systems to a unified, simple, efficient identity solution that delivers higher security and resistance to obsolescence, for both premises and information access.

uTrust products are unique in the marketplace as they are designed, tested, and supported to work together. No matter where you start, Identiv provides the confidence that you can build a complete system in which everything works together.

In addition to our uTrust products for the enterprise customer, Identiv offers products targeted at the product owner who wants to establish trust for a product or everyday item. Identiv provides a ready-to-use infrastructure that delivers a trusted identity to anything, securing that identity with techniques such as standards-based digital certificates, and establishing trust for literally millions of everyday items.

Identiv (NASDAQ: INVE) is a global security technology company that establishes trust in the connected world, including premises, information, and everyday items. CIOs, CSOs and product departments rely upon Identiv's trust solutions to reduce risk, achieve compliance, and protect brand identity. Identiv's trust solutions are implemented using standards-driven products and technology, such as digital certificates, strong authentication, mobility, and cloud services.

Identiv has offices worldwide. Addresses and phone numbers are listed at identiv.com/contact. For more information, visit identiv.com or email sales@identiv.com.