IDENTIV

RFID Library Credentials
Full Range of Library Tags for the Education Industry

■ **COMPATIBLE**
Full compatibility with existing infrastructures

■ **GLOBAL SOLUTION**
Usable by major libraries worldwide

■ **TESTED**
Quality label with 100% testing

■ **CUSTOMIZABLE**
Comprehensive set of options available for customization
(i.e., barcode, printing, or encoding)

Library Credentials

Identiv's RFID Library Credentials are labels (or tags) that are widely used for automatic data capture in library applications (i.e., academic, public, corporate, and other special applications). RFID technology provides an enhanced user experience for library applications and in related industries that require item tracking. Typical applications include:

- Self check-in/check-out
- RFID gate
- Library article return (i.e., book, CD, or DVD)
- Inventory management
- Product sorting
- Theft prevention
- Queue busting

Identiv's labels feature proven antenna designs, quality materials and production processes, and set the highest benchmark for quality and performance in the library industry. Used by leading libraries, VARs (Value Added Resellers), and system integrators across the world, these labels set new industry standards in RFID engineering. These 13.56 MHz frequency labels are fully aligned with industry standard ISO/IEC 15693, 18000-3, and 28560, which defines the basis for the RFID transmission parameters and specifies the model for RFID tags required by all types of libraries.

Identiv's library products include solutions tailored to meet the specific rigorous requirements of an RFID-equipped library. These labels are available in various formats, including books, spines, CDs, ID cards, or metal asset tags, and are backed by a full set of customization features, such as logo printing, barcode printing, chip personalization, and more.

PRODUCT	PART NUMBER	APPLICATION	IC	DIE CUT AND ANTENNA SIZE
	L29XADIA0470	Book Label (Square)	NXP ICODE SLIX*	50 x 50 mm (2 x 2 in) Aluminium Antenna: 47 x 47 mm (1.85 x 1.85 in)
	L29XADIA076K	Book Label (Rectangle)	NXP ICODE SLIX*	80 x 50 mm (3 x 2 in) Aluminium Antenna: 76 x 45 mm (3 x 1.77 in)
	L23XADIA9J34	CD Label	NXP ICODE SLIX*	Outer Diameter: 42 mm (1.65 in) Inner diameter: 16 mm (0.63 in) Aluminium Antenna: 34 mm (1.34 in)
	I00PADIA9118	DVD Label	NXP ICODE SLIX*	Outer Diameter: 116 mm (4.57 in) Inner Diameter: 41 mm (1.61 in) Aluminium Antenna: 110 mm (4.33 in)
	L15FADIJ1801	Tablet Label (with metallic backing)	NXP ICODE SLIX*	Aluminium Antenna: 180 x 140 mm (7.1 x 5.5 in)

* Other chips available on demand (i.e., other NXP chips, EM Microelectronic, Infineon, ST Microelectronics, etc.)

Product Features

FEATURES	DESCRIPTION
Base Material	• White matte paper (thermal transfer printable) • Aluminium-etched antenna (also available in copper antenna option for greater reading distance) • Specialized substrate for various applications • Optional ISO 9706 paper, high gloss paper, PET, PP, or specialized label materials for specific applications • Optional copper antenna
Adhesive and Liner	Acrylic adhesive on release paper liner
Chip Memory	NXP ICODE SLIX SL2S2002 with 1024 bits memory/896 bits user memory
Delievery Form	• Book Tags (50 x 50 and 80 x 50): Label face-out on unwinding direction/Roll size respectively and approximately 2000u and 1500u • CD Tag: Label face-in unwinding direction/Roll size 2,000u • DVD Tag: Label face-in unwinding direction/Roll size 1,000u • TOM Tablet Tag: Cingulated/50u per box
AFI (Application Family Identifier)	For multi-application support and/or check-in/check-out library item control Usable in plain mode or 32-bit password protected
EAS (Electronic Article Surveilance) Mode	On-board feature to prevent shoplifting or pilferage of books, CDs, or DVDs from libraries Usable in plain mode or 32-bit password protected
Product Thickness	• Book Tags: 0.32 mm (12.6 mil) • CD Tag: 0.35 mm (13.8 mil) • DVD Tag: 0.38 mm (15 mil) • TOM Tablet Tag: 1.3 mm (51 mil)
ESD	+2KV maximum peak, human body model (HBM) accordingly to chip specification
Product Quality	Electrical inspection on 100% of units
Product Options	• Colored label surface • Printed artwork • Barcode (single or dual) • Chip encoding with static or dynamic information
Operation Temperature	-20° to 70°C (-4° to 158°F) at <60% RH (according to and limited by chip specification)
Storage Life	One year under desiccated condition, 10° to 25°C (50° to 77°F) ≤60% RH
Reliability	Thermal Cycle Test: 100 cycles under -55° to 85°C (-67° to 185°F) 15 mins dwell Thermal Humidity Test: 168 hours under 85°C (185°F), 85% RH

Identiv, Inc. (NASDAQ: INVE) is the leading global player in physical security and secure identification. Identiv's products, software, systems, and services address the markets for physical and logical access control and a wide range of RFID-enabled applications. Customers in the government, enterprise, consumer, education, healthcare, and transportation sectors rely on Identiv's access and identification solutions. Identiv's mission is to secure the connected physical world: from perimeter to desktop access, and from the world of physical things to the Internet of Everything.

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.

Technical data is subject to change without notice.