Block Lite

Overview

Frequency Band
HF 13.56 MHz

Chip
NXP ICODE SLIX
NXP ICODE SLIX2

Antenna Dimensions
47 x 47 mm / 1.85 x 1.85 in
50 x 50 mm / 1.97 x 1.97 in

International Standard
ISO 15693

Industry Segments
Media and Document Management
Industrial Applications

Applications
Library
Product Authentication
Pharmaceutical and Healthcare

RoHs
EU Directive 2011/65/EU and
2015/863 Compliant

REACH
Regulation (EC) No 1907/2006

Top-performance tag for library and media management applications

Smartrac's Block Lite inlays and tags featuring NXP ICODE SLIX and SLIX2 ICs are designed for library and other media management applications. Block products provide best-in-class read range, optimal size and performance in a compact, square package.
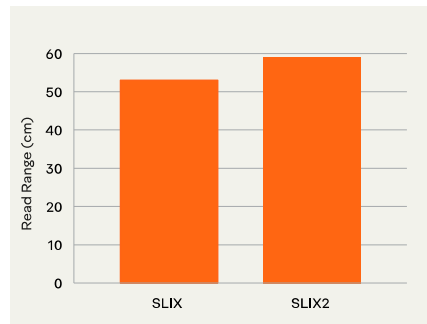
Block Lite with NXP ICODE SLIX provides 896-bit of user memory, while NXP ICODE SLIX2 boasts an extended user memory of 2,528-bit. The tag provides excellent performance in all printed media products and applications, including self-check with stack reading capability, and EAS. Block Lite delivered in paper-tag format and selected paper is resistant to aging (ISO 9706 compliant). Paper grade together with PH-neutral adhesive make it suitable for archiving applications. It is the ideal product to complement advanced media management systems and offers a lifetime library warranty.

Smartrac's inlays and tags are compliant with ISO 9001:2015 Quality Management and ISO 14001:2015 Environmental Management. This ensures a reliable and state-of-the-art product that meets a variety of application needs, where high performance is a critical parameter.
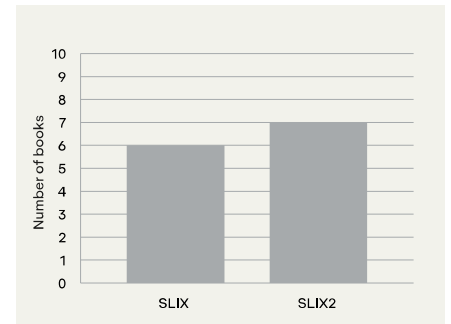
Technical features

Chip	NXP ICODE SLIX	NXP ICODE SLIX2
User Memory	896-bit	2500-bit
Product Code	3002138	3002987
Delivery Format	Label / sticker	
Die-cut Dimension	50 x 50 mm / 1.97 x 1.97 in	
Inlay Substrate	PET	
Face Sheet	Mid-gloss paper	
Total Thickness	196 µm	
Standard Pitch	56 mm / 2.205 in	
Web Width	54 mm / 2.126 in	
Core Size	76 mm / 3 in	
Quantity / Reel	2000 pcs/reel 6000 pcs/box	
Operating Temperature	−40 °C to 85 °C −40 °F to 185 °F	

Read range

Stack test

All graphs are indicative: performance in real life applications may vary.

Contact information

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REACH COMPLIANCE

RoHS

AVERY DENNISON