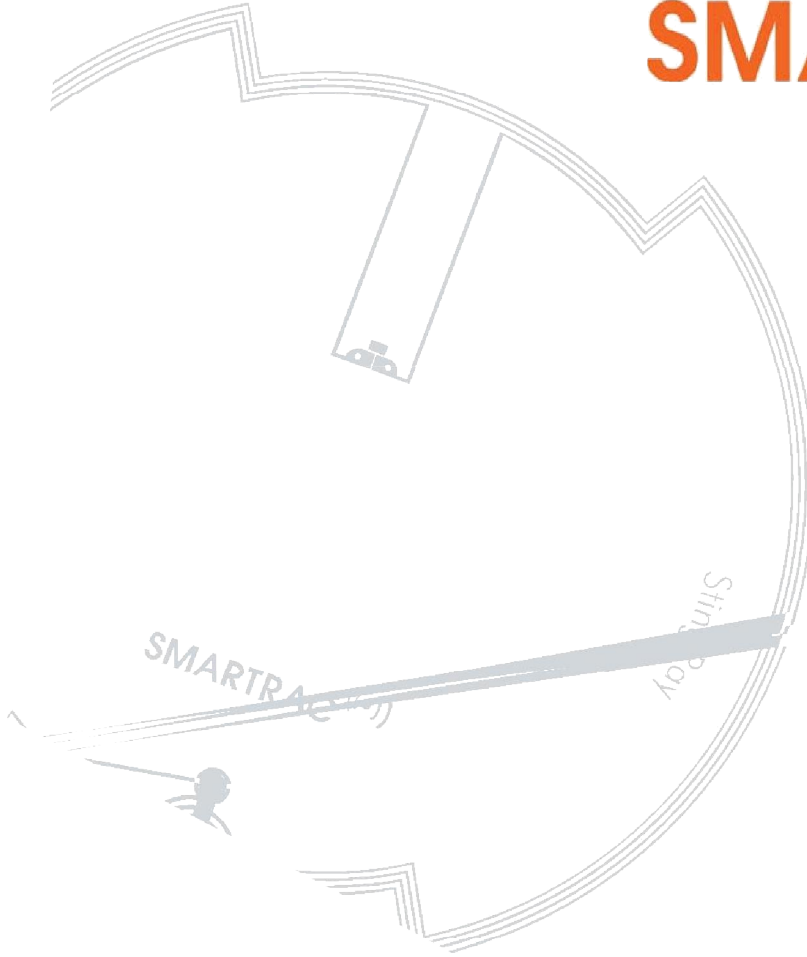


SMARTRAC



StingRay™

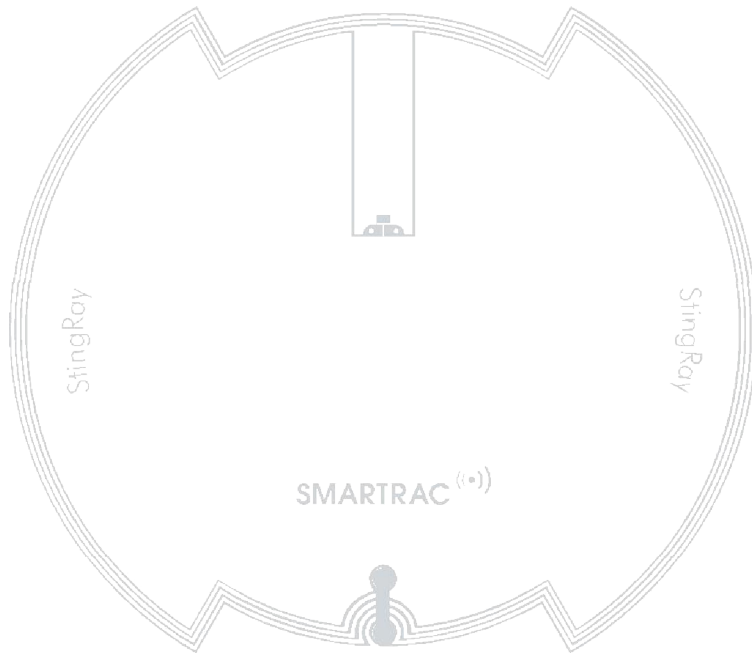
Protocol ISO 15693
ISO 18000-3 Mode 1

Operating frequency 13.56 MHz

Antenna size 105 mm / 4.13 inch

StingRay™ key features

- Best performing inlay for all disc types: CD, DVD and Blu-ray.
- Maximal performance and robust readability for library and rental applications.
- Easy application with strong adhesive properties
- Self-check multiread and Improved gate EAS



SMARTRAC ((•))

StingRay™

Die-cut size
Web width

Antenna dimensions

Antenna size	105 mm / 4.13+
	108 mm / 4.25+
	110 mm / 4.33+

Electrical specifications

IC	NXP ICode SLIX
Memory	1k bit / 2k bit
Operating frequency	13.56 MHz
Data retention	100,000 cycles / 50 years

General characteristics of inlay

Operating temperature	-40 °C to 85 °C -40 °F to 185 °F
Bending diameter (D)	> 50 mm tension max. 10 N
Static pressure (P)	<10 MPa

Delivery formats

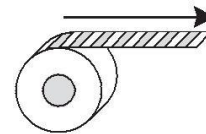
Available formats	Wet
Adhesive temperature	Solvent-free permanent adhesive min. -10 °C to 90 °C min. 14 °F to 194 °F
Quality	100% performance tested

Read range



Reel details

Standard reel size 1,000 wet inlays



Inner core diameter 76 mm / 3 inch

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

SMARTRAC TECHNOLOGY GROUP uses three different test methods to evaluate the reliability of the RFID inlay and tag products it produces. Products are tested according to IEC 60068-2-67 (temperature and humidity), JESD22-A104-B (temperature cycling) and an in-house developed bending test.

Disclaimer

SMARTRAC TECHNOLOGY GROUP reserves the right to change its products and services at any time without notice. Our recommendations are based on our latest knowledge and experience. As our products are used in circumstances beyond our control, we cannot be held liable for any damage caused through their use.



RoHS

CE

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06/2012