



I•Code

I•Code is the most advanced technology for smart labels, combining the advantages of barcode, Electronic Article Surveillance (EAS) and traditional RFID solutions. The by Philips developed I•Code IC's are offering a low-cost, reprogrammable and disposable solution for source tagging, automatic data capture, theft protection and data storage on a product or its packaging. This technology is also very suitable to be laminated in cards or tags and used for access identification. I•Code smart labels offer considerable benefits in a variety of applications. In airline baggage tagging and parcel services, smart labels offer considerable advantages in sorting and item tracking. In supply chain management systems, smart labels overcome the limitations of barcode technology, providing improved product distribution; and in libraries and rental applications, they provide automated check-in, check-out and inventory control.

- Read/write memory size 512 Bits
- 13.56 MHz frequency
- Electronic Article Surveillance (EAS) mode
- Read/Write operation up to one meter (depending on antenna design)
- Fast anti-collision (rate 30 transponders per second)
- Easy Migration Path to ISO 15693
- Compliant with world-wide regulations

Reader range: 7 to 15 cm short range reader / 50 to 70 cm long range reader (depending on antenna coil)

Power supply: 5-12 V DC short range / dedicated power supply +15V DC long-range

Dimensions: 46x140x22 mm (WxHxT) short range / long range variably

Material: Polyurethane

Operating temp.: -20 C to 50 C

Operating hum.: 0-100% condensing

Operating freq.: 13.56 MHz

Interface: RS 232 / RS 422 / RS 485 / Wiegand / ABA Clock & Data / propriety format possible

Certifications: CE

Compliance: ISO 15693