AcuSmart Combo ISO

The card AcuSmart ISO Combo is the best solution for applications where higher security is required in data transmission. Have 1Kbyte memory and triple encryption, ideal for monetary transactions. It is tough and has excellent reading performance.
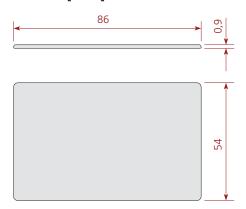
Purchase Code: 500.533

Features

The proximity card AcuSmart Combo ISO is a reColordable passive RFID card AcuSmart Line in format similar to a credit card, has 1K of memory. Follows the standard ISO / IEC 14443 Type A Made in PVC, ISO AcuSmart Combo is rugged and has excellent reading performance. It is used in large-scale public transportation and payment systems. Due to the triple encryption, memory 1Kbyte, unique ID number and ability to increment and decrement calculations, it can store data and make monetary transactions quickly and securely. Allows printing on both sides.

Advantages

- Increased security in data transmission;
- 1 Kbyte of memory and triple encryption;
- Compatible with AcuSmart readers family;
- Allows monetary transactions, which makes it ideal for applications such as public transportation, payment systems, libraries, colleges, among others.

Dimensions [mm]

Technical Specifications

Electrical Characteristics

Technology	HF (high-frequency / passive)
Type	ISO
Protocol	ISO/IEC 14443-A
Frequency of operation	13,56 MHz
RFID Chip	NXP-MF1ICS50 or compatible
Memory configuration	1 kByte
Reading Range*	Up to 5 cm with the reader AS-10
Applications	Tickets / Access Control / Identification
Lifetime**	10 years data retention 100.000 write cycles

Operational Characteristics

Encapsulation	Bright white PVC
Weight	6,1 g
Dimensions	86 x 54 x 0,9 mm
Operating temperature	-25°C a +65°C
Storage temperature	-25°C a +65°C
Protection Degree	IP67
Hole	Not recommended

* Considering stabilized and regulated power source for 12V DC, installation electromagnetic noise-free environment and without the presence of metal surfaces near the reader.
** Respecting the specifications.

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