



... the ultimate platform solution

The chip

The system utilizes non-volatile EPROM or EEPROM memory chips enclosed in a 16mm stainless steel can, rugged enough to withstand harsh environments, indoors or outdoors.

usage

Up-to-date information can travel with a person or object anywhere they go. The steel button can be mounted virtually anywhere, with different holder types and is durable enough to attach to a key fob, ring, watch, or other different personal items.



Applications



Each chip has a unique and unalterable address that is laser etched onto it. Some chips have also sensing capabilities, such as for temperature or humidity, in order to check their environmental operating conditions.

The Interface

By simply touching the can, it is possible to communicate to any of the device. A wide readers family offers solutions for on-field operations in an easy way. The **S4** platform offers optimized solutions according to the different implementations, all characterized by an user-friendly interface allowing very simple and fast reading and writing operations.



Advantages

When developing a solution to meet your application needs there are many technologies on the market to consider along with **S4** chips: bar-codes, magnetic stripe, prox and smart cards and RFID Tag. Unlike bar-codes and magnetic stripe cards, **S4** devices can be read and written to. In addition, the communication rate and product breadth of these devices goes well beyond the simple memory products typically available with RFID. Also, when comparing these technologies on the basis of durability and security, there is no match for the **S4** devices. The **S4** device durability is wear-tested for 10-year.