

K663 SERIES

NFC AND RFID READERS MODULES



WHY CHOOSING SPRINGCARD 'K' SERIES?

SpringCard 'K' Series is a complete family of OEM readers/writers covering 13.56MHz RFID and NFC standards.

Designed with ease of use, interoperability and compliance to standards as primary objectives, SpringCard 'K' Series takes benefit of a **fast CPU to ensure short transaction times**, a key feature when it comes to card reading or issuing in-the-field.

Moreover, special attention was paid on consumption: SpringCard 'K' Series is designed to work in **low power modes**. Applications using the coupler modules in battery mode are possible.

SpringCard 'K' Series requires only a **simple serial line to operate**. The feature-rich SpringProx API is available freely within the SDK, and allows a seamless integration from virtually any hardware or system featuring no more than a serial link. In-field firmware upgrade is even possible provided that two module's control lines are driven by the host.

ABOUT SPRINGCARD

SpringCard products are designed and manufactured in France, and distributed worldwide.

Created in 2000, **SpringCard**, expert in smartcards, contactless, RFID and NFC, is the ideal partner to make your project a success.

CREATE YOUR IDEAL COUPLER MODULE

This is an OEM products family, sold as electronic parts, without housing. There is a ready-to-use product with its own antenna (K663-232 or K663-TTL). To address specific requirements, select the core module (K663A) and add a custom antenna.

SpringCard also designs ready-to-use products based on the K663 core. For any information, please contact us.

K663 features 2 LED outputs and a **USER** configurable I/O line. When needed, a few other pins give advanced control on the device (*on-the-field firmware upgrade, hard reset, hard power down*).

A FEW TYPICAL APPLICATIONS

The **K663** has an improved operating range and a fastest communication speed.

- Physical access control, corporate ID, citizen card,
- RFID tracking, loyalty,
- Transport terminals,
- Vending machines, point-of-sales PC,
- Card printers,
- And more...



For more detail and technical specification, please read OEM NFC RFID couplers modules (ref. PFL15108)

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