



SMARTspy 2008

Contactless



Capture contactless transactions on the go!

Do you need to debug contactless transactions anywhere from your development desk to the field? The Smartspy Contactless provides you with an innovative handheld contactless debug and traceability solution for use during your integration process. The dynamic acquisition mode enables you to make 'swipe acquisitions' of communications as well as static acquisitions when the device is placed on a flat surface.

Why the Smartspy Contactless 2008?

Portable

It allows handheld use on the field with an SD memory card and lithium-ion battery.

Reliable

You can trust the results and traces obtained, only one transaction is needed to acquire a useful trace.

Compatible

The Smartspy Contactless 2008 is compatible with ISO 14443, FeliCa, Innovatron, and NFC protocols.

Simple

The tool is user-friendly: intuitive menu and easy-to-read display screen.

Performance

The optional Performance Test module analyses the timing of the transaction following EMVCo specs.

Analysis

Get information on every level of the transaction, from the exchange of bytes to the L1 & L2 analysis.

For more information:
test_tools@fime.com or www.fime.com

About FIME

FIME is a worldwide supplier of test solutions in the domain of smartcards, RFID and NFC. Providing an overall and integrated service consisting of tests, tools distribution, consulting and outsourced R&D, FIME holds a strong position as a real business accelerator. A pioneer in testing contact cards during the 1990s, today FIME is providing its leading abilities in the contactless world with branches in France, Canada and Taiwan. FIME offers you a solution adapted to your local needs. FIME provides the stability of a company that is part of a large group, as well as the functional flexibility of autonomous teams strongly implicated in your project.



FIME[®]
Enabling Business with
IC Testing Solutions



Technical Specifications

Size and weight

- 95mm x 145mm x 28mm
- 270g

Display

- 55mm x 45mm
- Support for multiple languages

Protocols

- ISO/IEC 14443 Type A and B
- ISO/IEC 18092
- FeliCa (Type C)
- Innovatron (Type B')
- Bit rates supported: 106, 212, 424, 848 kbits/s

Power and battery

- Built-in rechargeable lithium-ion battery
- Charging via AC adaptor
- Autonomy of up to 2 hours

Antenna

- Low coupling and interference-free
- Optional antennas available for more form factors

SMARTspy Contactless Analyzer

- Interpretation of commands: ISO/IEC 7816, EMV/PayPass™
- Chronograms: Logic state, bit, byte and timing sequences

Systems requirements

- PC with USB port
- Windows Vista or Windows XP operating system

Cardholder

- Enables tests at precise distances
- Designed for ID-1 cards and ePassport booklets

What's new on the SMARTspy Contactless 2008?

Battery powered

Handheld use, works without a plug or a PC connection.

Flash memory

Stores test data in your SD card.

Data analysis

Automatically measures the total length of the processing time and the duration of each command transmission.

Performance test module (optional)

Improves the analysis of the duration of a transaction by capturing the flashing LED and/or beep that indicates the end of a transaction.

Additional protocols

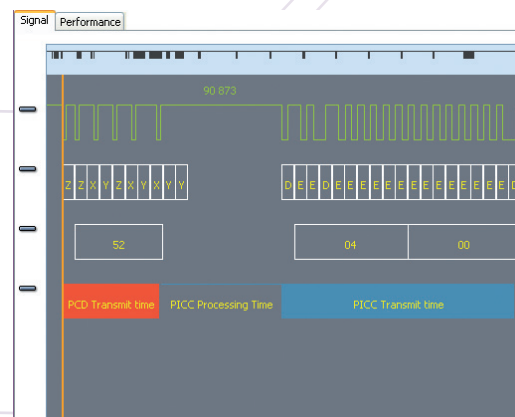
Now covers NFC ISO18092, FeliCa and Innovatron, and analyzes NFC Forum tags (Type 1, 2, 3 and 4).

Modulation index

Displays the modulation index value for various distances or samples.

Connectors

User configurable connectors for R&D use: triggers and demodulated signals.



SMARTspy Contactless work environment

